1989 PUBLIC HEALTH CHARTBOOK

May 1989

Public Health Foundation
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This publication is based on data voluntarily submitted to the Public Health Foundation by the nation's state health agencies. There are 55 state health agencies; one in each of the 50 states, the District of Columbia, and four U.S. territories. Data have been estimated for Maine, Montana, and the Virgin Islands, which did not report to the Public Health Foundation for fiscal year 1987.

Data analysis and publication of this report are supported, in part, by a cooperative agreement with the Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control, and by a grant from the Bureau of Maternal and Child Health and Resources Development, Health Resources and Services Administration, U.S. Department of Health and Human Services. The content of this report does not necessarily reflect the views or policies of the Department of Health and Human Services.

Publication No. 116
May 1989

FOREWORD

The Public Health Foundation is pleased to present the 1989 edition of *Public Health Chartbook*. As in previous years, this publication presents a broad overview of organizational and fiscal information on the nation's state and territorial health agencies in a series of eye-catching computer graphics. This year's edition focuses on state and local health agency spending in fiscal year 1987 and also examines trends in state health agency spending during the period 1977 to 1987.

The data upon which this publication is based are collected through an annual survey conducted by the Public Health Foundation's ASTHO Reporting System. Since 1970, the Reporting System has maintained a database containing comprehensive information on the public health programs and expenditures of the nation's state and territorial health agencies. The data are used to apprise state and national policymakers of state and local health agency efforts and resources devoted to alleviating important public health problems. The Reporting System's core costs are supported by grants from the U.S. Public Health Service, Department of Health and Human Services. State and territorial health agencies contribute staff liaison, reporting services, and consultation on a voluntary, cooperative basis.

We are indebted to the Public Health Foundation Board of Directors and the Data Policy Review Panel for policy guidance, and to our project officers, E. Jerry Spyke of the Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control, and William Christoffel of the Bureau of Maternal and Child Health and Resources Development, Health Resources and Services Administration, for their support and helpful comments. Finally, our perennial thanks to the individuals in the state and territorial health agencies for their continued efforts in supplying data and to George K. Degnon, ASTHO Executive Director, for his insightful comments and advocacy. Their dedicated support and assistance enabled us to present this comprehensive picture of our state health agencies.

James T. Dimas
Executive Director

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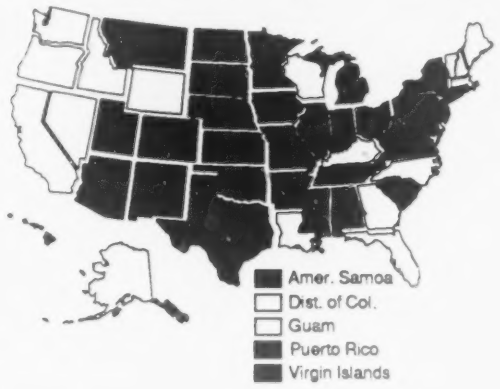
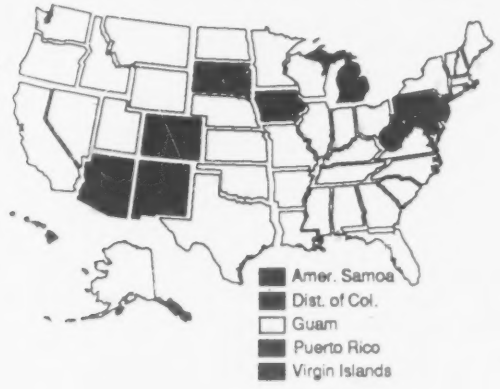
FIGURE 1.
ORGANIZATIONAL CHARACTERISTICS AND RESPONSIBILITIES OF STATE HEALTH AGENCIES, FISCAL YEAR 1987

Freestanding Independent Agency: 35 SHAs

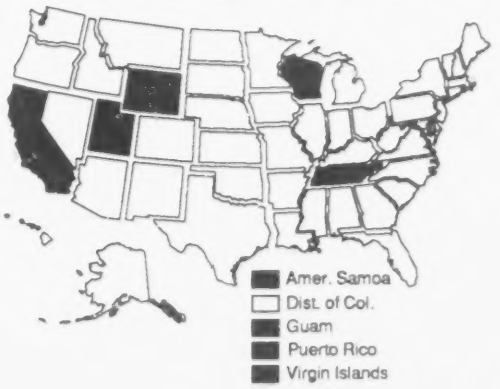


State Crippled Children's Agency: 42 SHAs

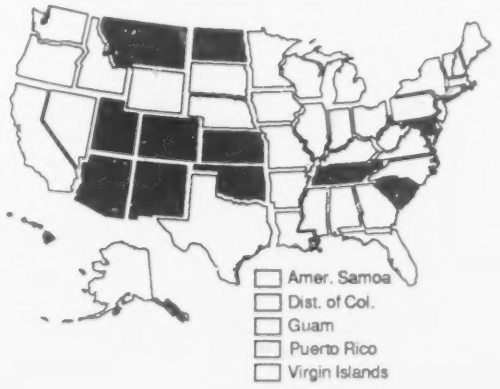
Administers ADAMHA Block Grant: 15 SHAs



Medicaid Single State Agency: 9 SHAs



Lead Environmental Agency: 12 SHAs



Operates Institutions: 17 SHAs

Source: PUBLIC HEALTH FOUNDATION

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FIGURE 2A.
STATE HEALTH AGENCIES DESIGNATED AS THE LEAD AGENCY RESPONSIBLE FOR SELECTED ENVIRONMENTAL HEALTH STATUTES, FISCAL YEAR 1987

Clean Air Act: 12 SHAs

Clean Water Act: 11 SHAs

Safe Drinking Water Act: 32 SHAs

Resource Conservation and Recovery Act (RCRA): 14 SHAs

Superfund (CERCLA): 14 SHAs

Source: PUBLIC HEALTH FOUNDATION

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FIGURE 2B.
STATE HEALTH AGENCIES DESIGNATED AS THE LEAD AGENCY RESPONSIBLE FOR SELECTED ENVIRONMENTAL HEALTH STATUTES, FISCAL YEAR 1987

Toxic Substances Control Act: 11 SHAs

Occupational Safety and Health Act: 5 SHAs

Food, Drug, and Cosmetics Act: 27 SHAs

Federal Hazardous Substances Act: 13 SHAs

Consumer Product Safety Act: 21 SHAs

Note: The New Mexico SHA had responsibility for food only.

Source: PUBLIC HEALTH FOUNDATION

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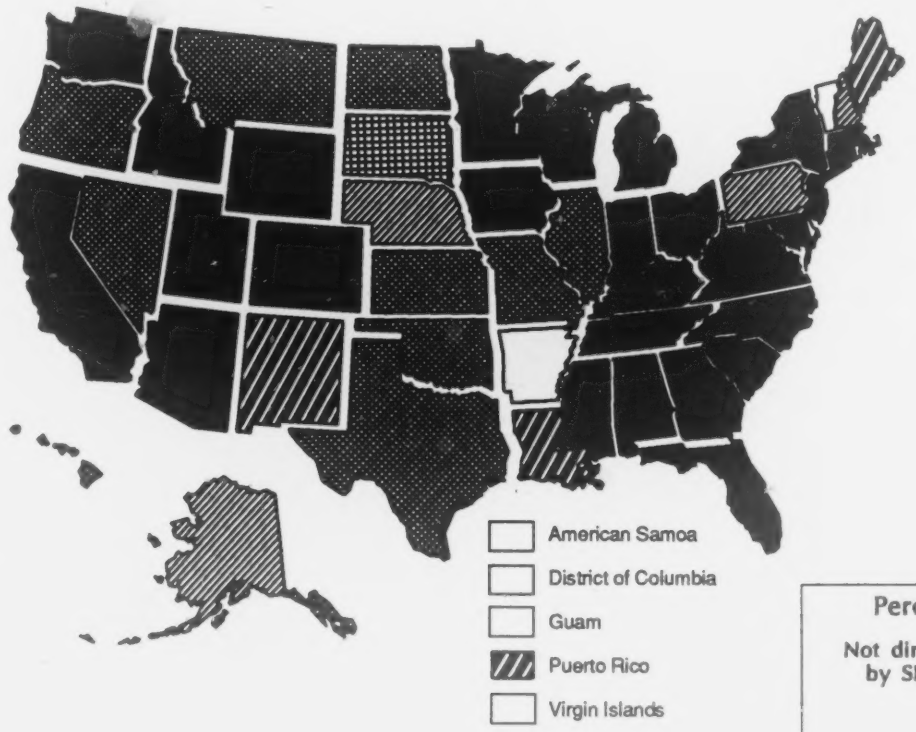
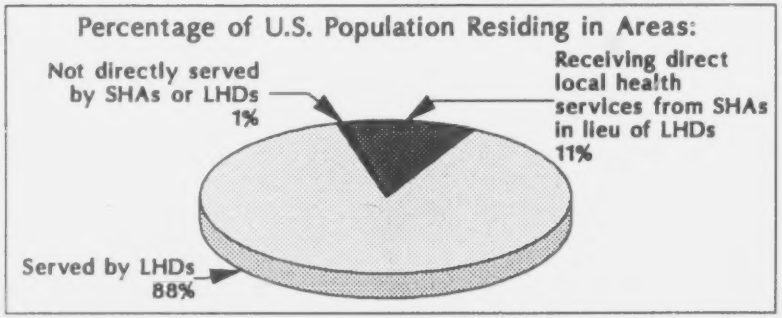
FIGURE 3.
PERCENTAGE OF STATE POPULATION RESIDING IN AREAS SERVED BY LOCAL HEALTH DEPARTMENTS, FISCAL YEAR 1987



Percentage	N
100	28
75 to 100	10
25 to 75	4
Less than 25	4
No LHDs	8
Data unavailable	1
Median=100.0	


Percentage of U.S. Population Residing in Areas:
Not directly served by SHAs or LHDs 1%
Receiving direct local health services from SHAs in lieu of LHDs 11%
Served by LHDs 88%

Source: PUBLIC HEALTH FOUNDATION

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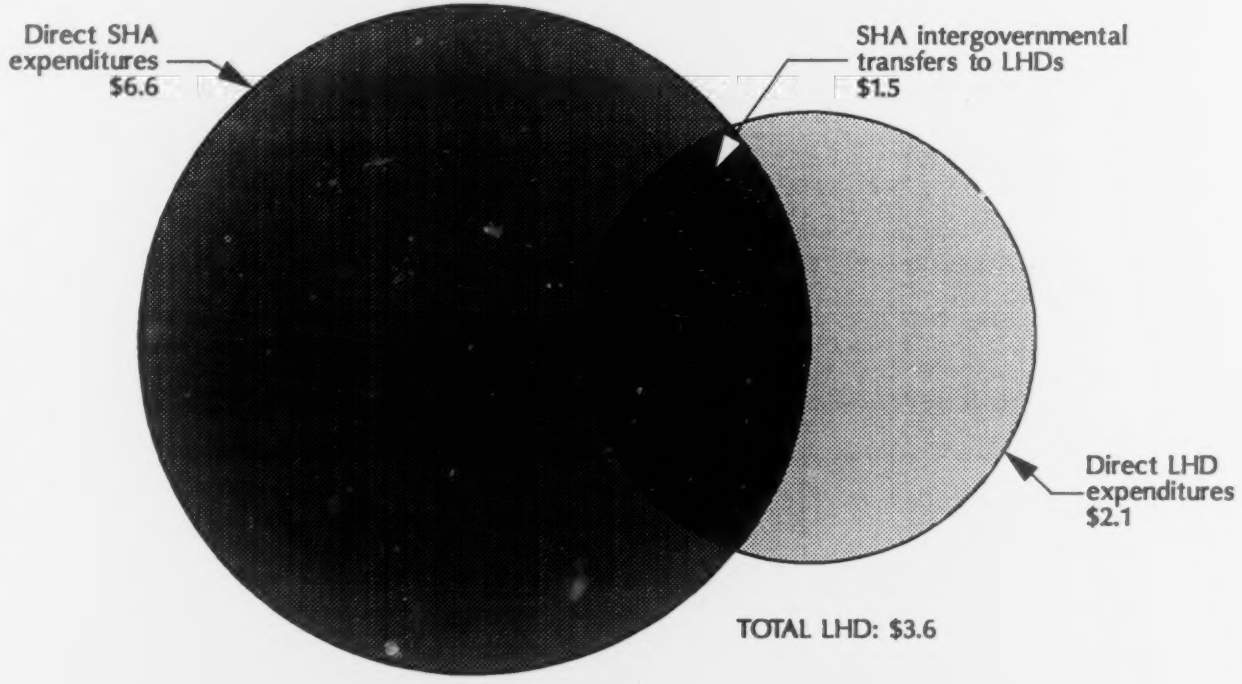
FIGURE 4.
STATE HEALTH AGENCY AND LOCAL HEALTH DEPARTMENT EXPENDITURES, BY TYPE OF EXPENDITURE, FISCAL YEAR 1987

(in billions)


Direct SHA expenditures $6.6
SHA intergovernmental transfers to LHDs $1.5
Direct LHD expenditures $2.1
TOTAL LHD: $3.6
TOTAL SHA: $8.1

TOTAL SHA AND LHD: $10.3 BILLION

Source: PUBLIC HEALTH FOUNDATION

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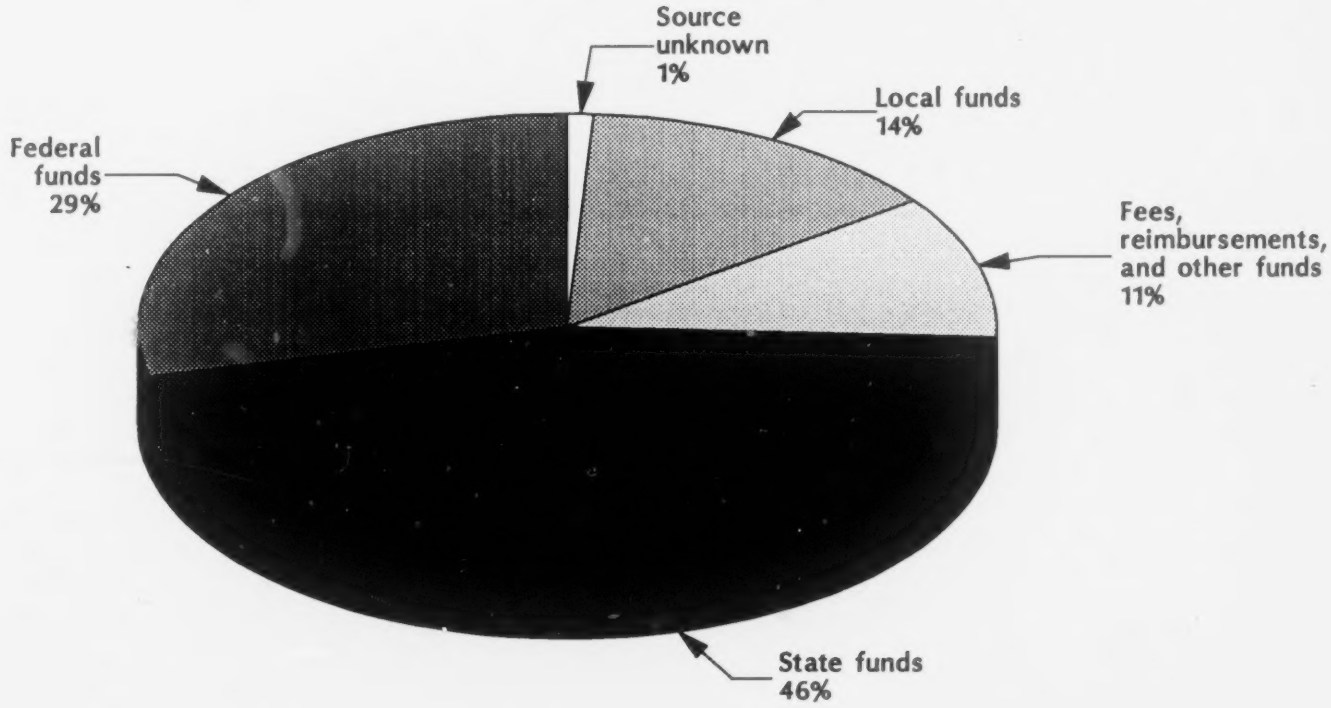
FIGURE 5.
STATE HEALTH AGENCY AND LOCAL HEALTH DEPARTMENT EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEAR 1987



TOTAL: $10.3 BILLION

Source: PUBLIC HEALTH FOUNDATION

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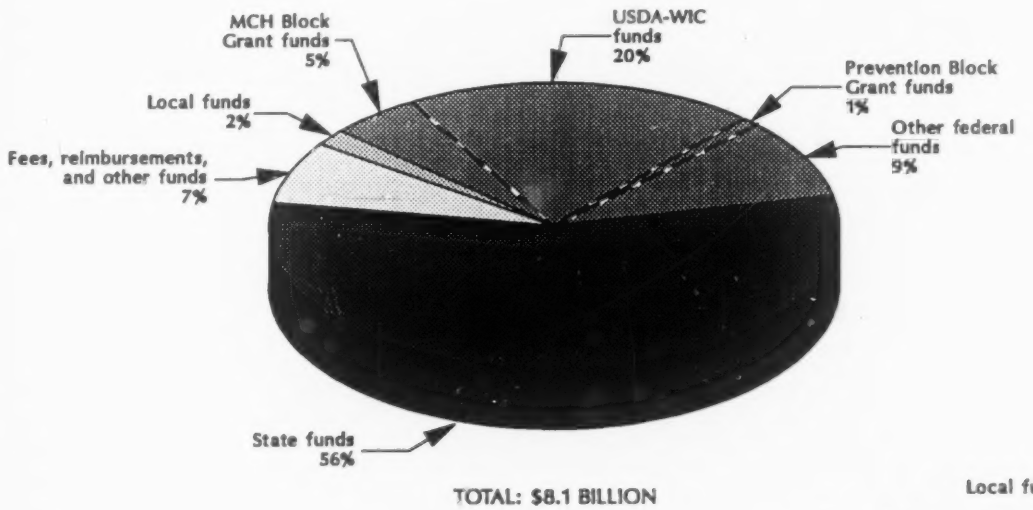
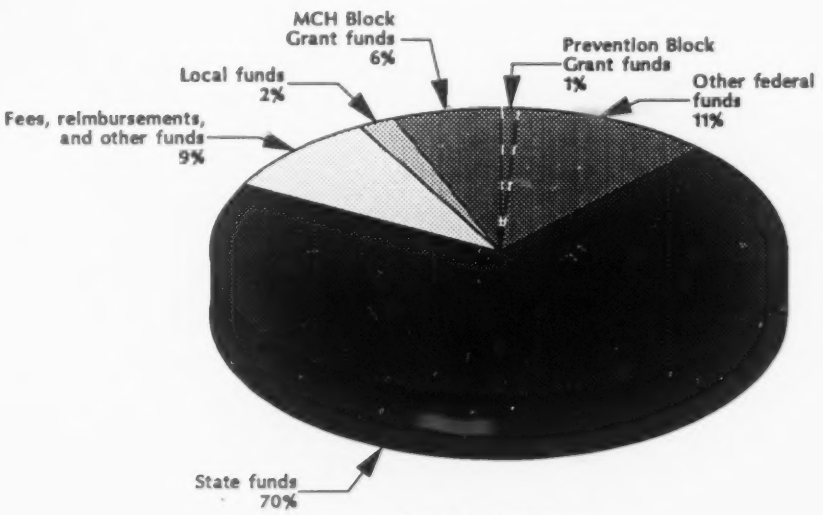
FIGURE 6.
STATE HEALTH AGENCY EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEAR 1987


MCH Block Grant funds 5%
USDA-WIC funds 20%
Prevention Block Grant funds 1%
Local funds 2%
Other federal funds 9%
Fees, reimbursements, and other funds 7%
State funds 56%

TOTAL: $8.1 BILLION

EXCLUDING USDA-WIC FUNDS


MCH Block Grant funds 6%
Prevention Block Grant funds 1%
Local funds 2%
Other federal funds 11%
Fees, reimbursements, and other funds 9%
State funds 70%

TOTAL: $6.5 BILLION

Source: PUBLIC HEALTH FOUNDATION

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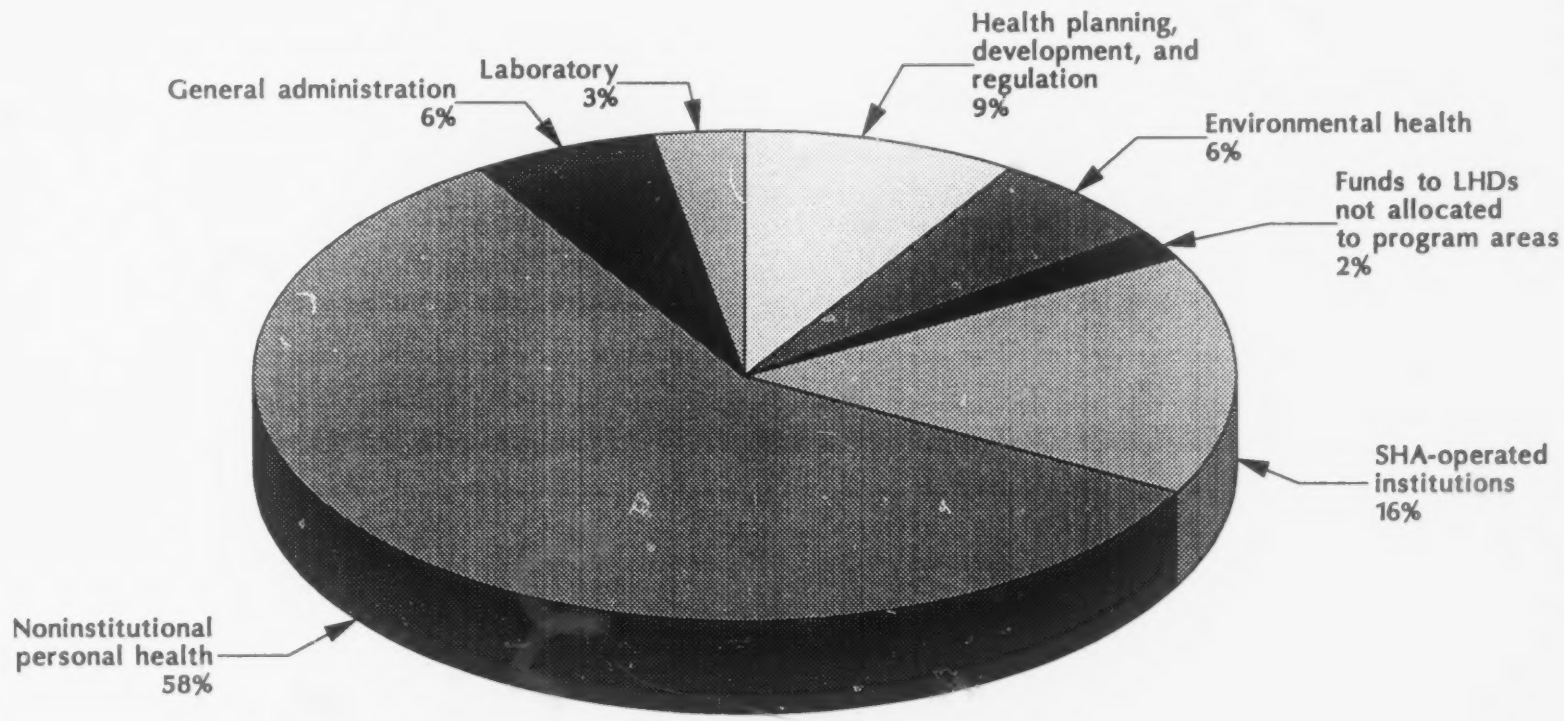
FIGURE 7.
STATE HEALTH AGENCY EXPENDITURES, BY PROGRAM AREA, FISCAL YEAR 1987


Health planning, development, and regulation 9%
Laboratory 3%
General administration 6%
Environmental health 6%
Funds to LHDs not allocated to program areas 2%
SHA-operated institutions 16%
Noninstitutional personal health 58%

TOTAL: $8.1 BILLION

Source: PUBLIC HEALTH FOUNDATION

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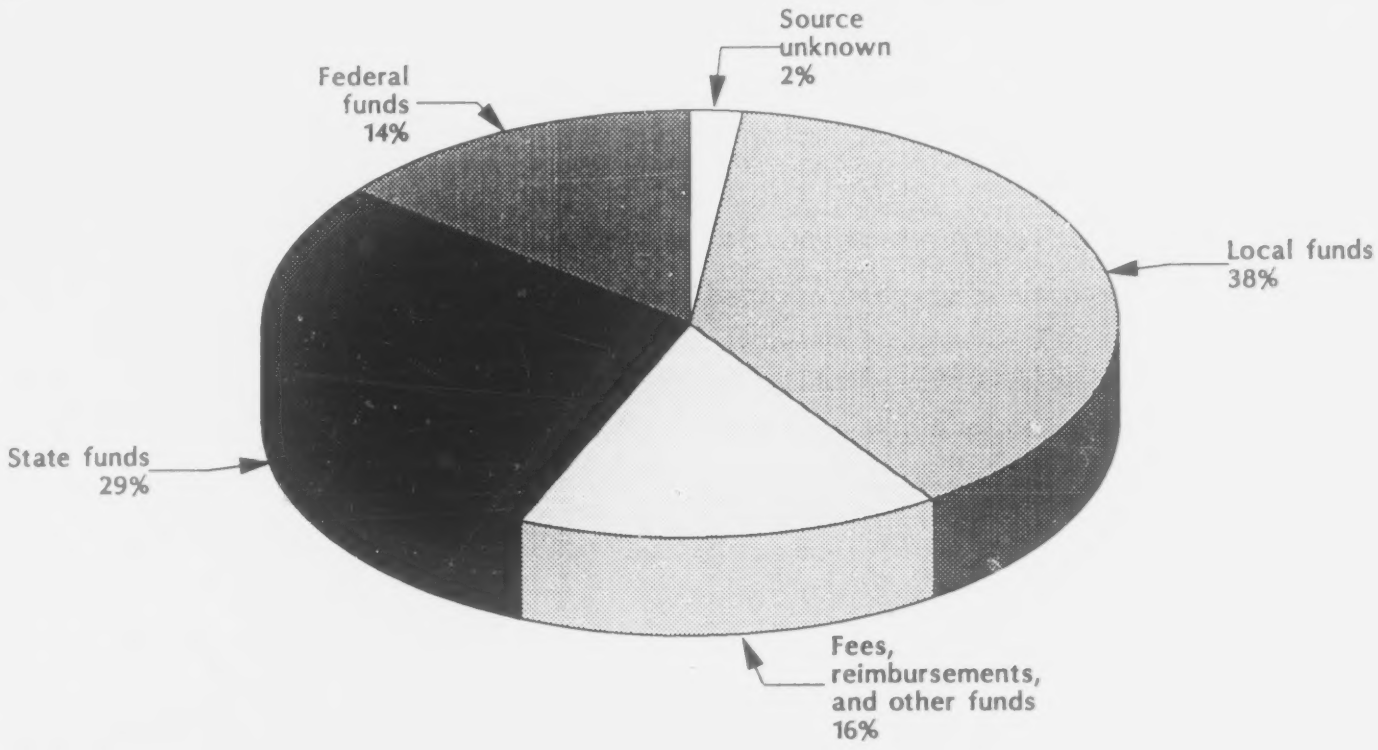
FIGURE 8.
LOCAL HEALTH DEPARTMENT EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEAR 1987



TOTAL: $3.6 BILLION

Source: PUBLIC HEALTH FOUNDATION

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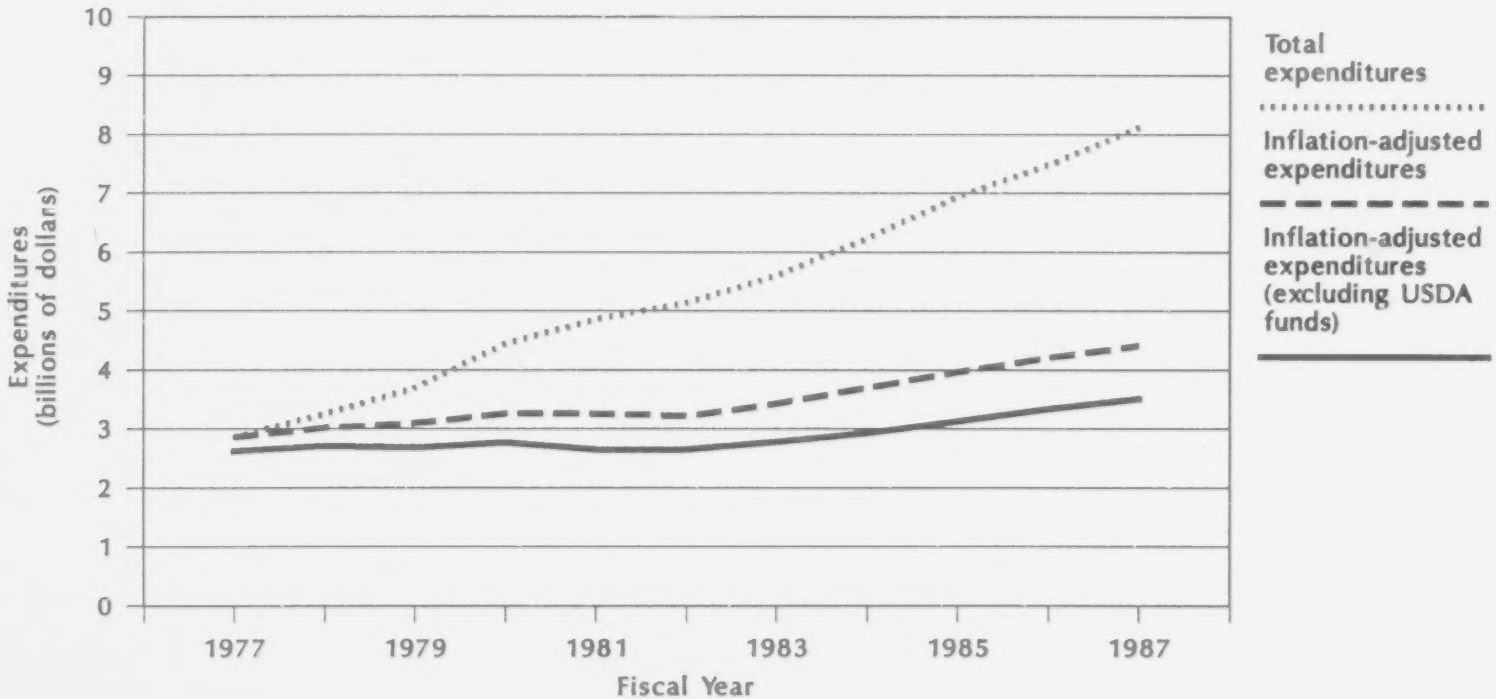
FIGURE 9.
STATE HEALTH AGENCY EXPENDITURES, FISCAL YEARS 1977-1987



Note: Inflation-adjusted expenditures have been deflated to the equivalent of 1977 dollars. The rate of inflation is based on the "Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W)," January 1989.

Other adjustments have been made to the data to account for major changes in state health agency programmatic responsibilities during the period.

Source: PUBLIC HEALTH FOUNDATION

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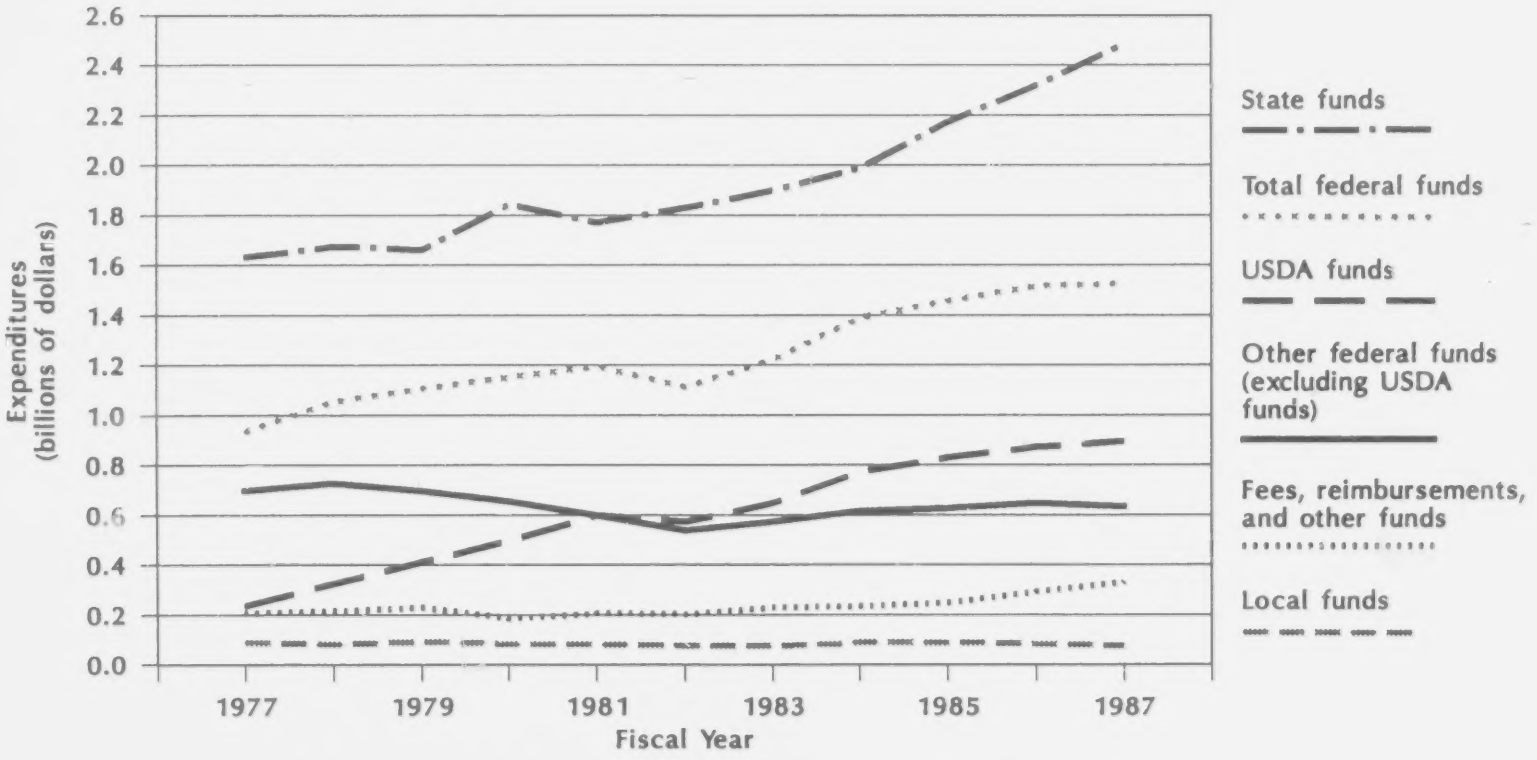
FIGURE 10.
STATE HEALTH AGENCY EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEARS 1977-1987



Note: Expenditures have been deflated to the equivalent of 1977 dollars. The rate of inflation is based on the "Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W)," January 1989.

Other adjustments have been made to the data to account for major changes in state health agency programmatic responsibilities during the period.

Source: PUBLIC HEALTH FOUNDATION

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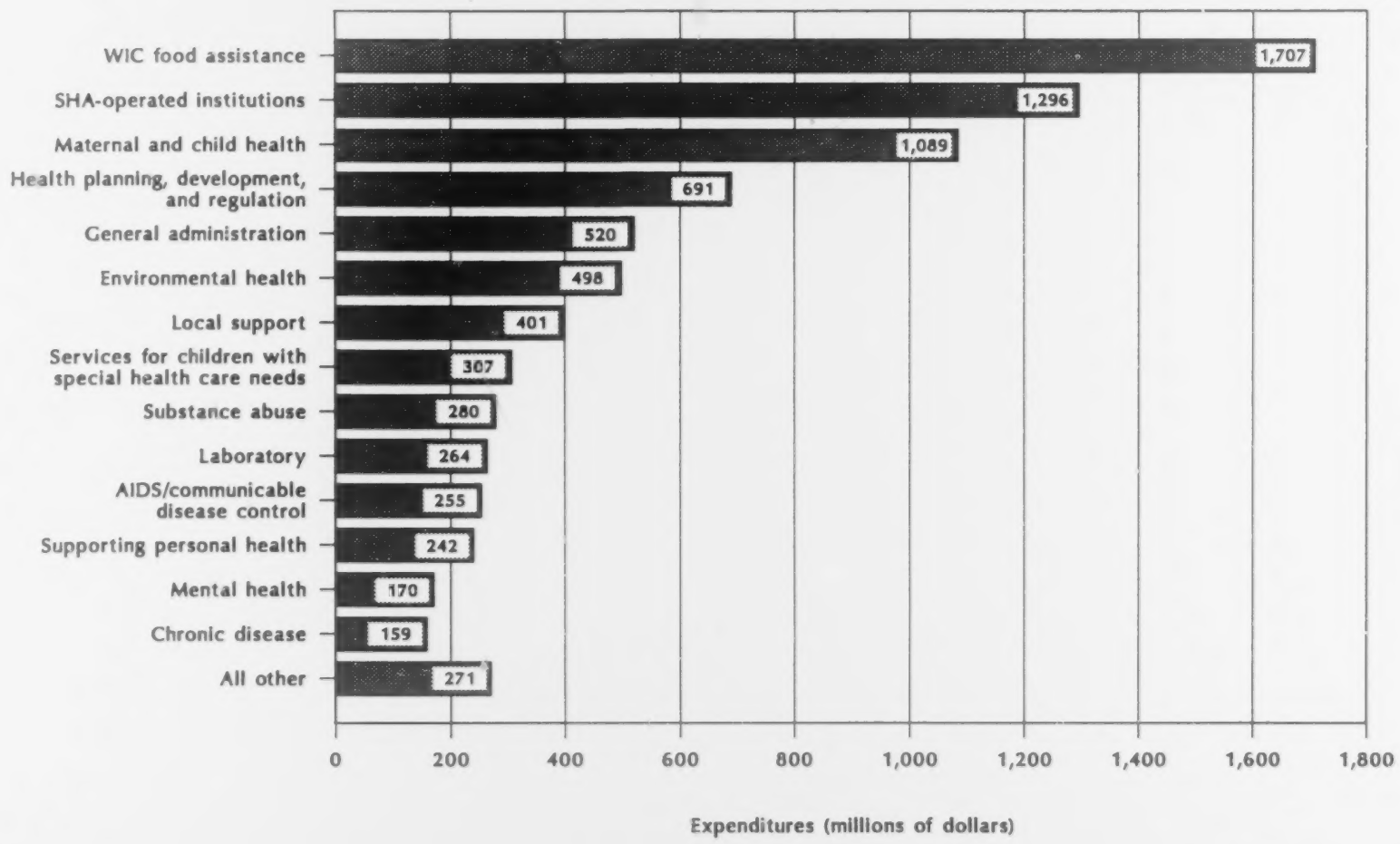
FIGURE 11.
STATE HEALTH AGENCY EXPENDITURES, BY TYPE OF PROGRAM, FISCAL YEAR 1987



Source: PUBLIC HEALTH FOUNDATION

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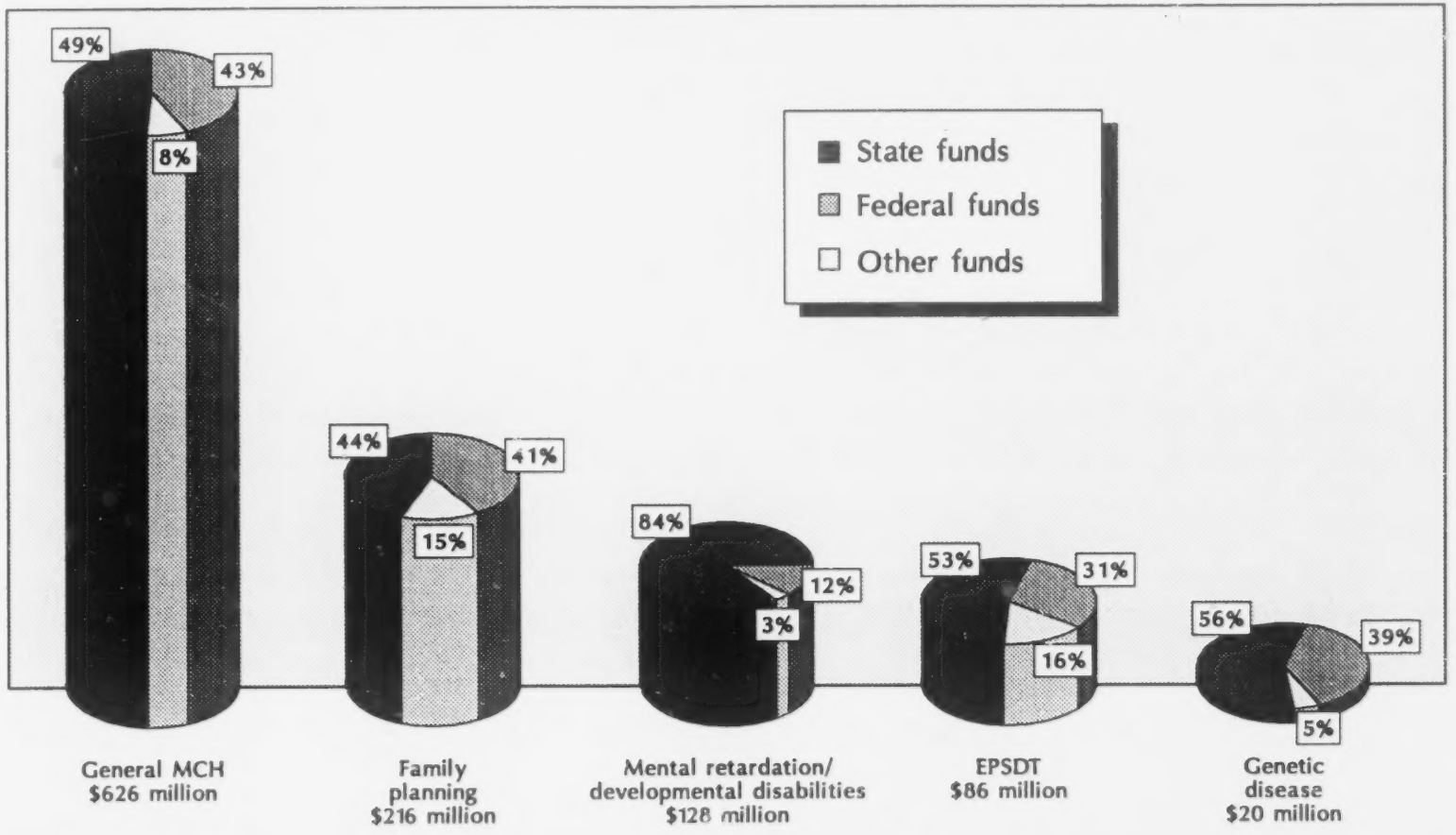
FIGURE 12.
MATERNAL AND CHILD HEALTH PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY TYPE OF PROGRAM AND BY SOURCE OF FUNDS, FISCAL YEAR 1987



Source: PUBLIC HEALTH FOUNDATION

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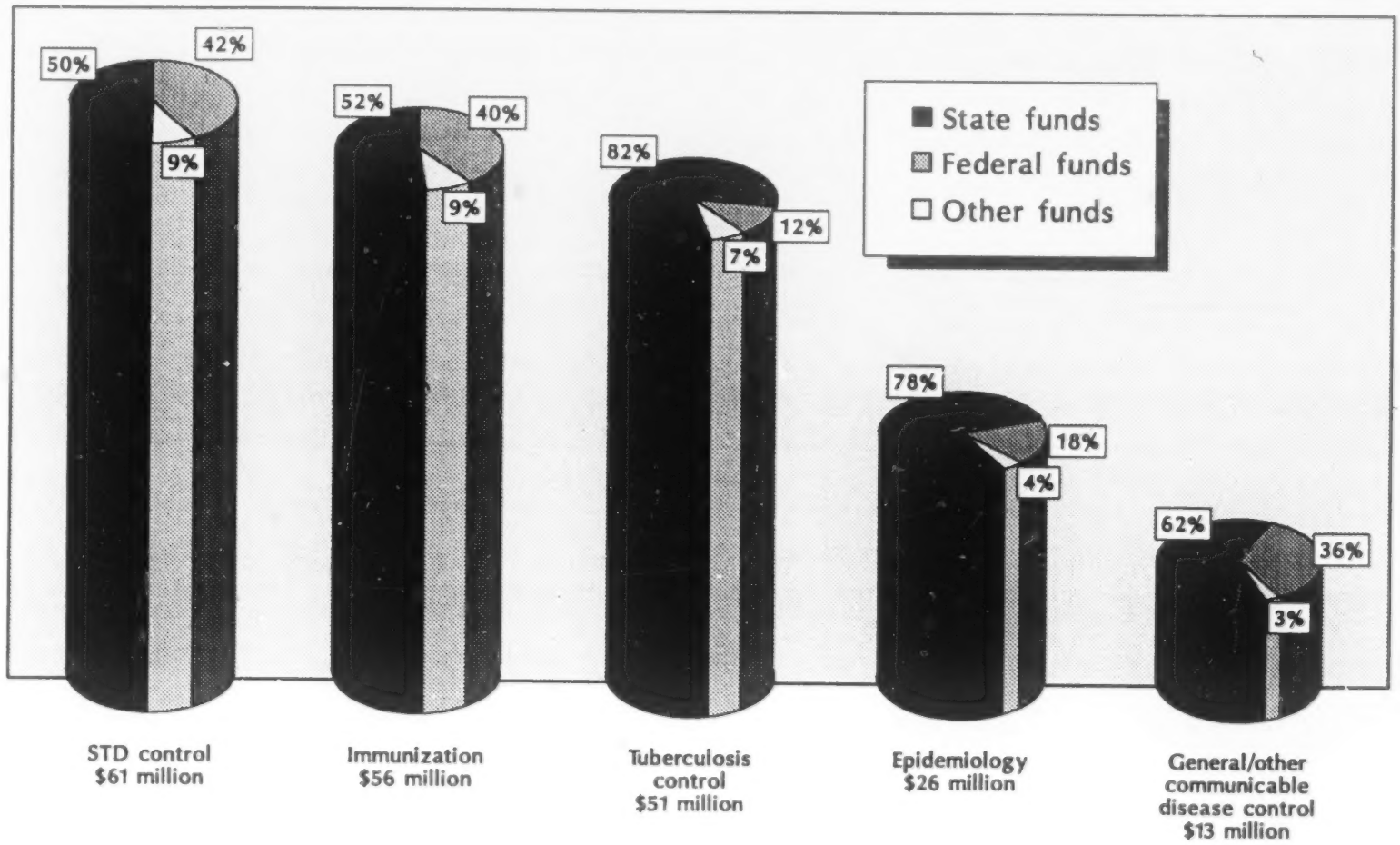
FIGURE 13.
COMMUNICABLE DISEASE CONTROL PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY TYPE OF PROGRAM AND BY SOURCE OF FUNDS, FISCAL YEAR 1987



Source: PUBLIC HEALTH FOUNDATION

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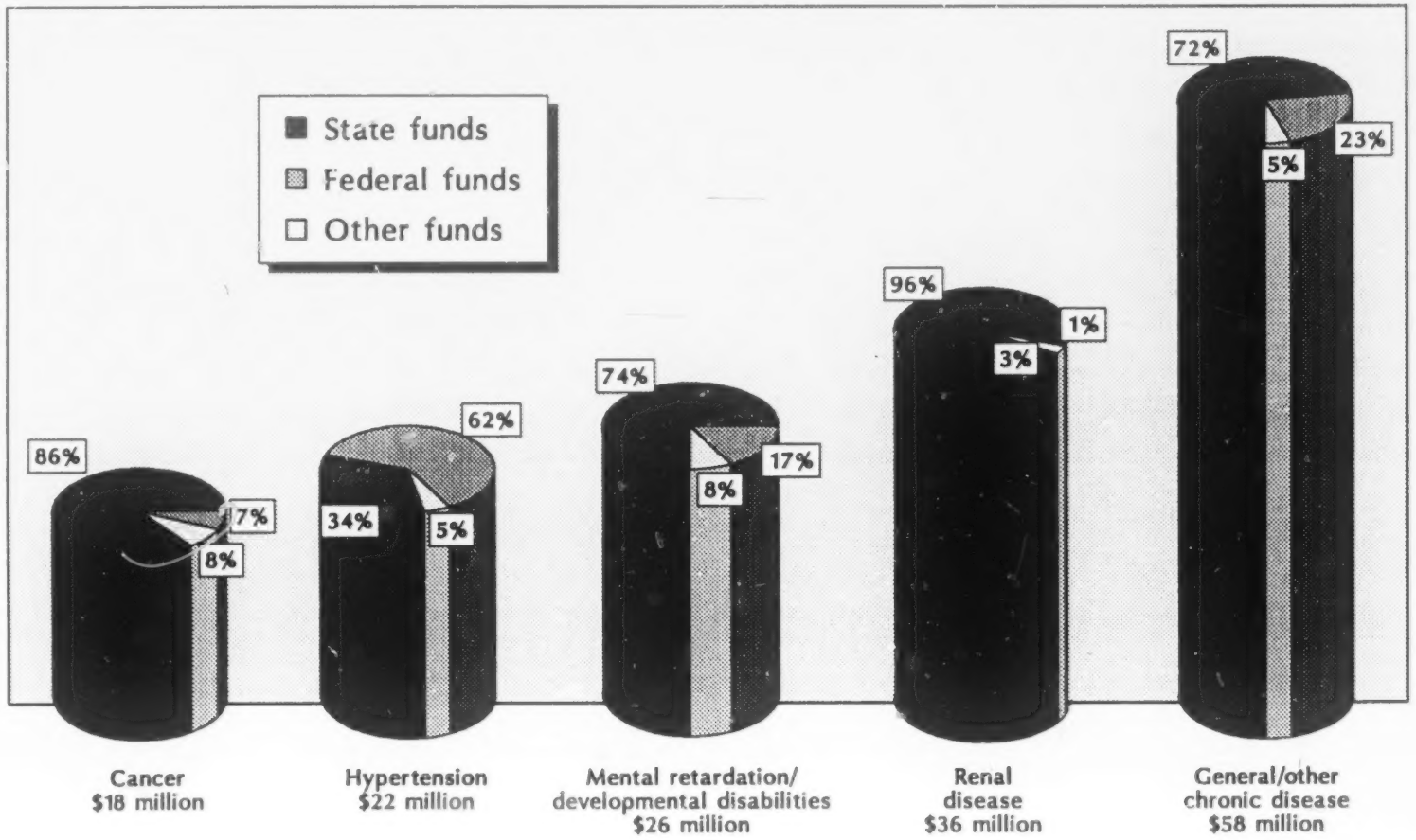
FIGURE 14.
CHRONIC DISEASE PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY TYPE OF PROGRAM AND BY SOURCE OF FUNDS, FISCAL YEAR 1987



Source: PUBLIC HEALTH FOUNDATION

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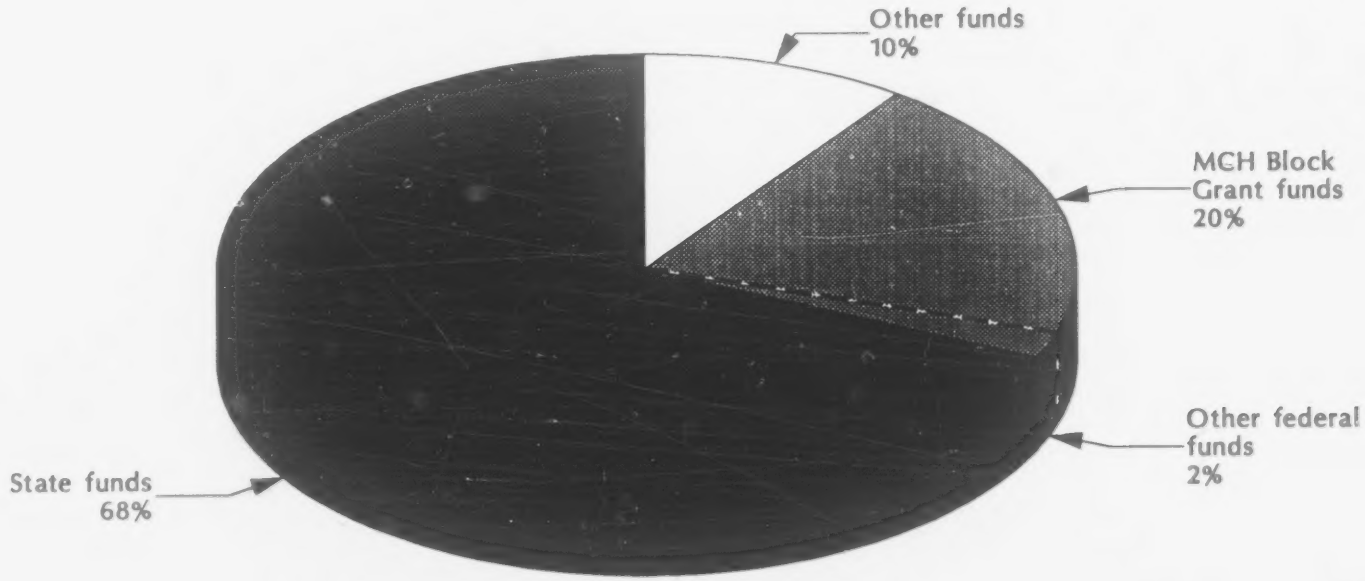
FIGURE 15.
STATE HEALTH AGENCY AND STATE CRIPPLED CHILDREN'S AGENCY EXPENDITURES FOR SERVICES FOR CHILDREN WITH SPECIAL HEALTH CARE NEEDS, BY SOURCE OF FUNDS, FISCAL YEAR 1987



TOTAL: $494 MILLION*

* The total includes expenditures of SHA-operated hospitals for children with special health care needs.

Source: PUBLIC HEALTH FOUNDATION

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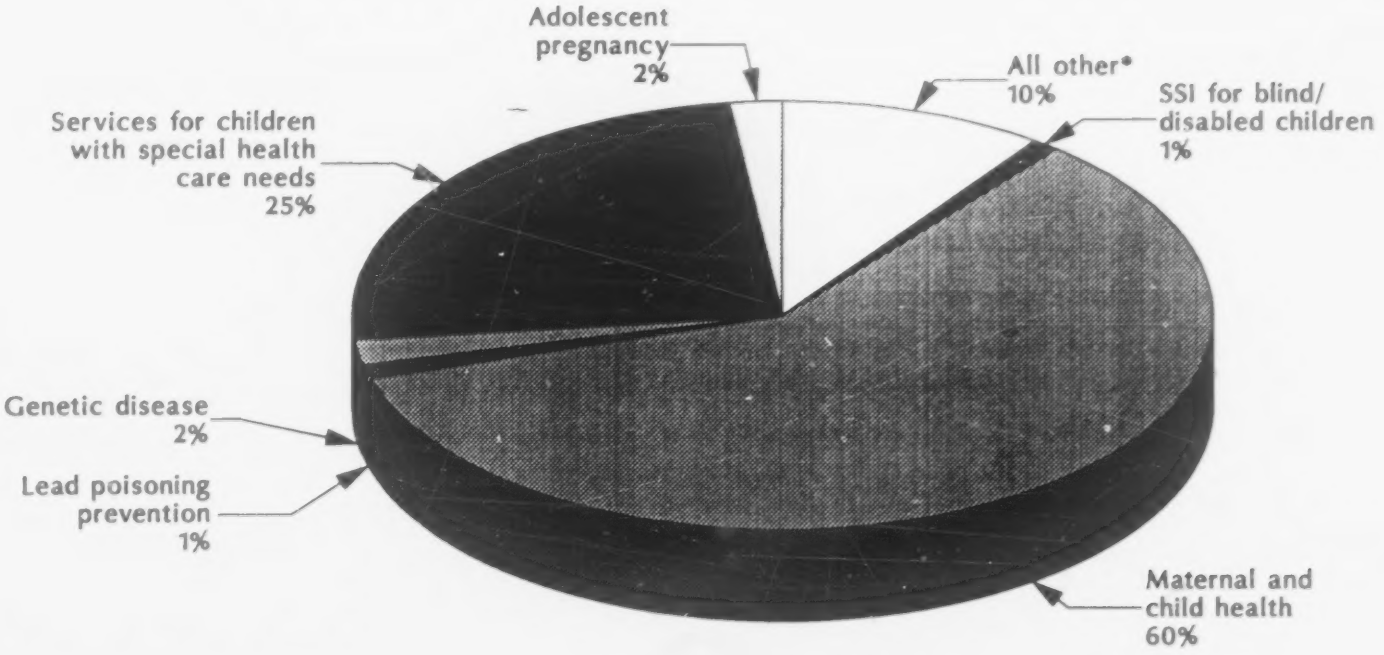
FIGURE 16.
MCH BLOCK GRANT SPENDING, BY TYPE OF SERVICE, FISCAL YEAR 1987


Adolescent pregnancy 2%
All other* 10%
SSI for blind/ disabled children 1%
Services for children with special health care needs 25%
Genetic disease 2%
Lead poisoning prevention 1%
Maternal and child health 60%

TOTAL: $423 MILLION

* All other includes hemophilia, sudden infant death syndrome, public health nursing, health education, nutrition, administration, and various local health services.

Note: The total includes funds spent by state health agencies and separate state crippled children's agencies.

Source: PUBLIC HEALTH FOUNDATION

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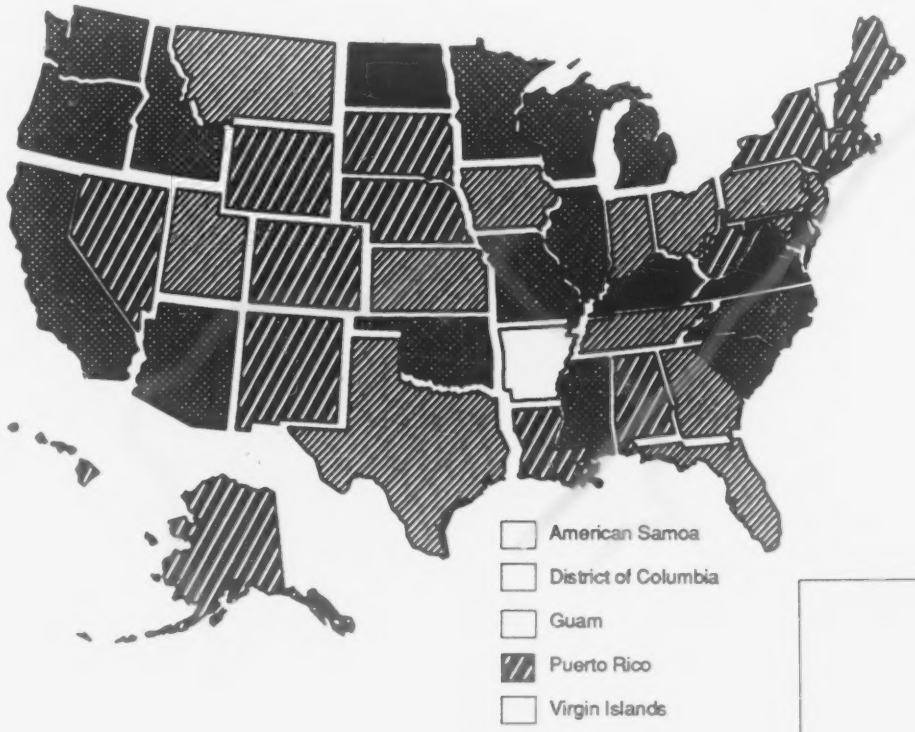
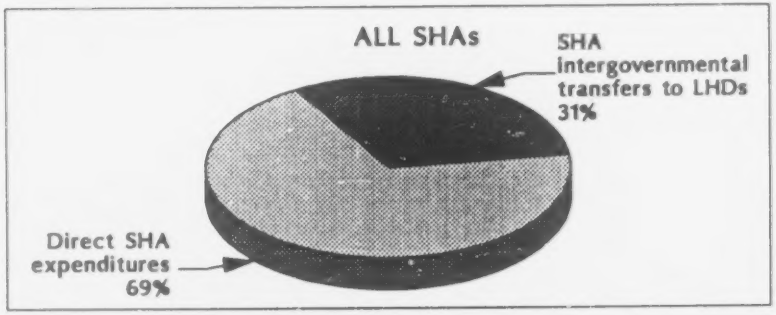
FIGURE 17.
PERCENTAGE OF MCH BLOCK GRANT FUNDS ALLOCATED TO LOCAL HEALTH DEPARTMENTS BY STATE HEALTH AGENCIES, FISCAL YEAR 1987



Percentage	N
75 or more	3
40 to 75	14
15 to 40	13
Less than 15	17
No LHDs	8

Median = 30.3



Source: PUBLIC HEALTH FOUNDATION

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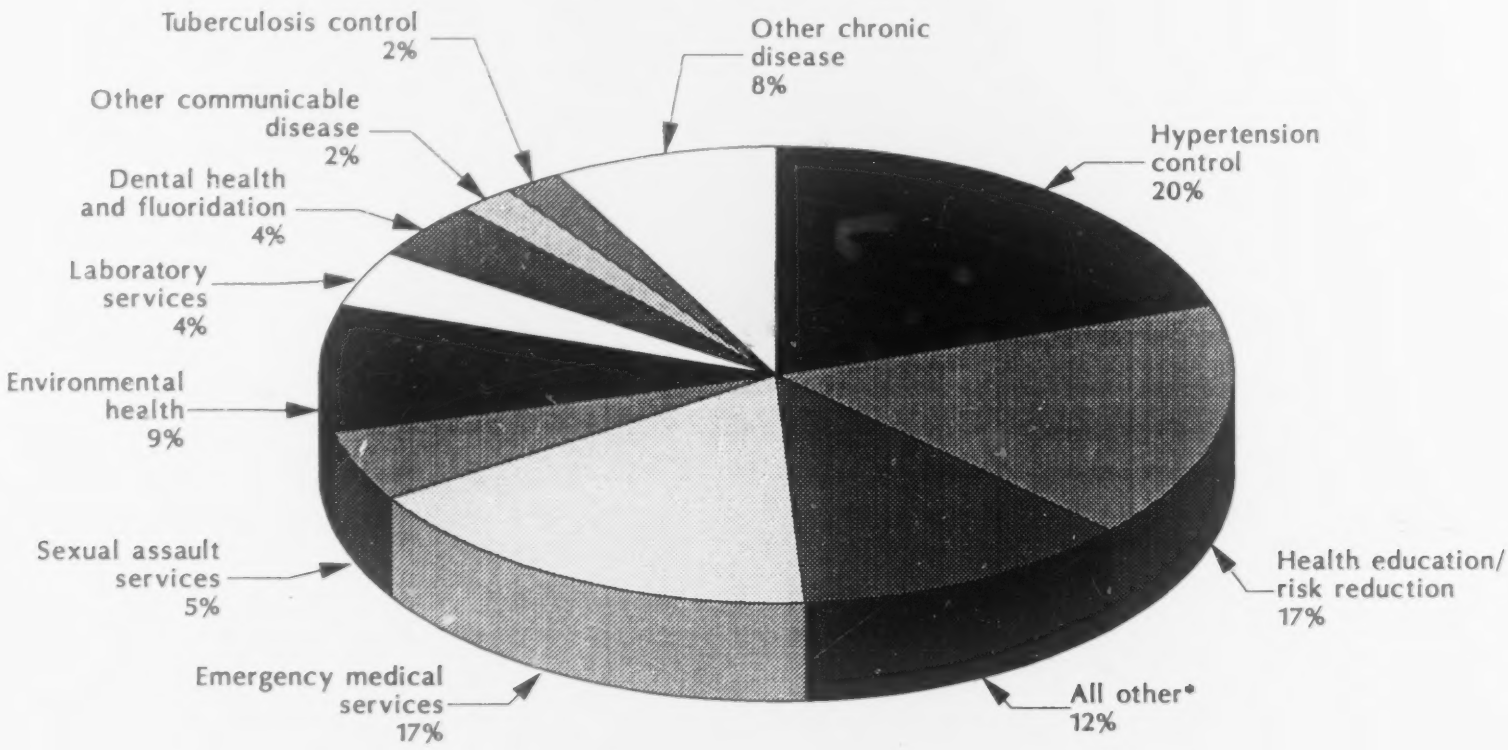
FIGURE 18.
PREVENTION BLOCK GRANT SPENDING, BY TYPE OF SERVICE, FISCAL YEAR 1987



TOTAL: $89 MILLION

* All other includes home health services, administration, and various local health services.

Source: PUBLIC HEALTH FOUNDATION

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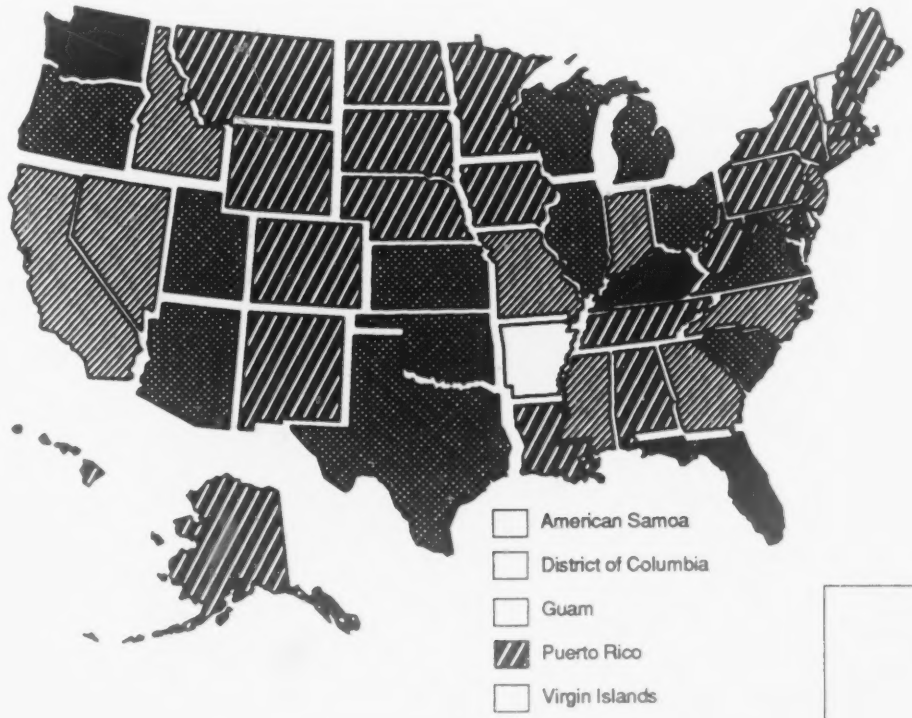
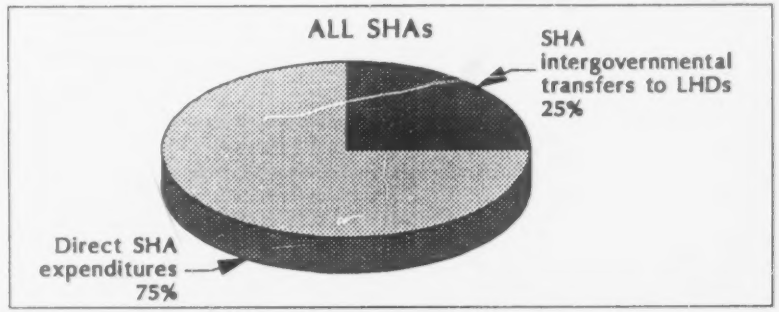
FIGURE 19.
PERCENTAGE OF PREVENTION BLOCK GRANT FUNDS ALLOCATED TO LOCAL HEALTH DEPARTMENTS BY STATE HEALTH AGENCIES, FISCAL YEAR 1987



Percentage	N
75 or more	3
40 to 75	12
15 to 40	11
Less than 15	21
No LHDs	8
Median=19.2	



Source: PUBLIC HEALTH FOUNDATION

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RECENT PUBLICATIONS

One recent Public Health Foundation publication that may be used in conjunction with the *1989 Public Health Chartbook* is the *1989 Prevention Block Grant Chartbook*, a special publication depicting Prevention Block Grant appropriation levels and state uses and expenditures of fiscal year 1987 Prevention Block Grant funds. Another is *Public Health Agencies 1989: An Inventory of Programs and Block Grant Expenditures*, a reference document displaying total expenditures for each program operated by the state and territorial health agencies as well as detailed state-by-state listings of state and local public health expenditures in fiscal year 1987. Additional information on expenditures and services of the nation's state health agencies and local health departments and other current topics of interest to the public health community can be found in the Foundation's bimonthly newsletter, *Public Health Macroview*. To order any of these publications, contact:

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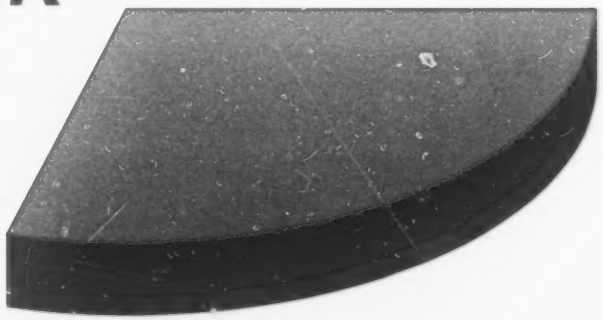

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Publication No. 121
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FOREWORD

The Public Health Foundation is pleased to present the 1990 edition of *Public Health Chartbook*. As in previous years, this publication presents, in a graphic format, a broad overview of organizational and fiscal information on the nation's state and territorial health agencies. This year's edition focuses on state and local health agency spending in fiscal year 1988 and also examines trends in state health agency spending during the period 1978 to 1988.

This publication is based on data that are collected through an annual survey conducted by the Public Health Foundation's ASTHO Reporting System. Since 1970, the Reporting System has maintained a database containing comprehensive information on the public health programs and expenditures of the nation's state and territorial health agencies. The data are used to apprise state and national policymakers of state and local health agency efforts and resources devoted to alleviating important public health problems. The Reporting System's core costs are supported by grants from the U.S. Public Health Service, Department of Health and Human Services. State and territorial health agencies contribute staff liaison, reporting services, and consultation on a voluntary, cooperative basis.

The Public Health Foundation is currently developing a new core data set for the ASTHO Reporting System that is outcome-oriented and focuses on national public health priorities. The new data set will provide the necessary data to tell a compelling story about the impact public health agencies are having on desired health outcomes and on the national effort to meet the Year 2000 Objectives. The revisions will be implemented for the fiscal year 1990 data cycle. Additional information can be found in *Data for the Year 2000 National Health Objectives: The ASTHO Reporting System's New Core Data Set,* available on request from the Public Health Foundation.

We are indebted to the Public Health Foundation Board of Directors and the Data Policy Review Panel for policy guidance, and to staff of the Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control, and the Maternal and Child Health Bureau, Health Resources and Services Administration, for their support and helpful comments. Finally, our perennial thanks to the individuals in the state and territorial health agencies for their continued efforts in supplying data and to George K. Degnon, ASTHO Executive Director, for his insightful comments and advocacy. Their dedicated support and assistance enabled us to present this comprehensive picture of our state and local health agencies.

James T. Dimas
Executive Director

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FIGURE 1.
ORGANIZATIONAL CHARACTERISTICS AND RESPONSIBILITIES OF STATE HEALTH AGENCIES, FISCAL YEAR 1988

Yes No

Freestanding Independent Agency: 35 SHAs

State Crippled Children's Agency: 42 SHAs

Administers Alcohol, Drug Abuse, and Mental Health Services Block Grant: 16 SHAs

Medicaid Single State Agency: 8 SHAs

Lead Environmental Agency: 10 SHAs

Operates Institutions: 16 SHAs

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FIGURE 2A.
STATE HEALTH AGENCIES DESIGNATED AS THE LEAD AGENCY RESPONSIBLE FOR SELECTED ENVIRONMENTAL HEALTH STATUTES, FISCAL YEAR 1988

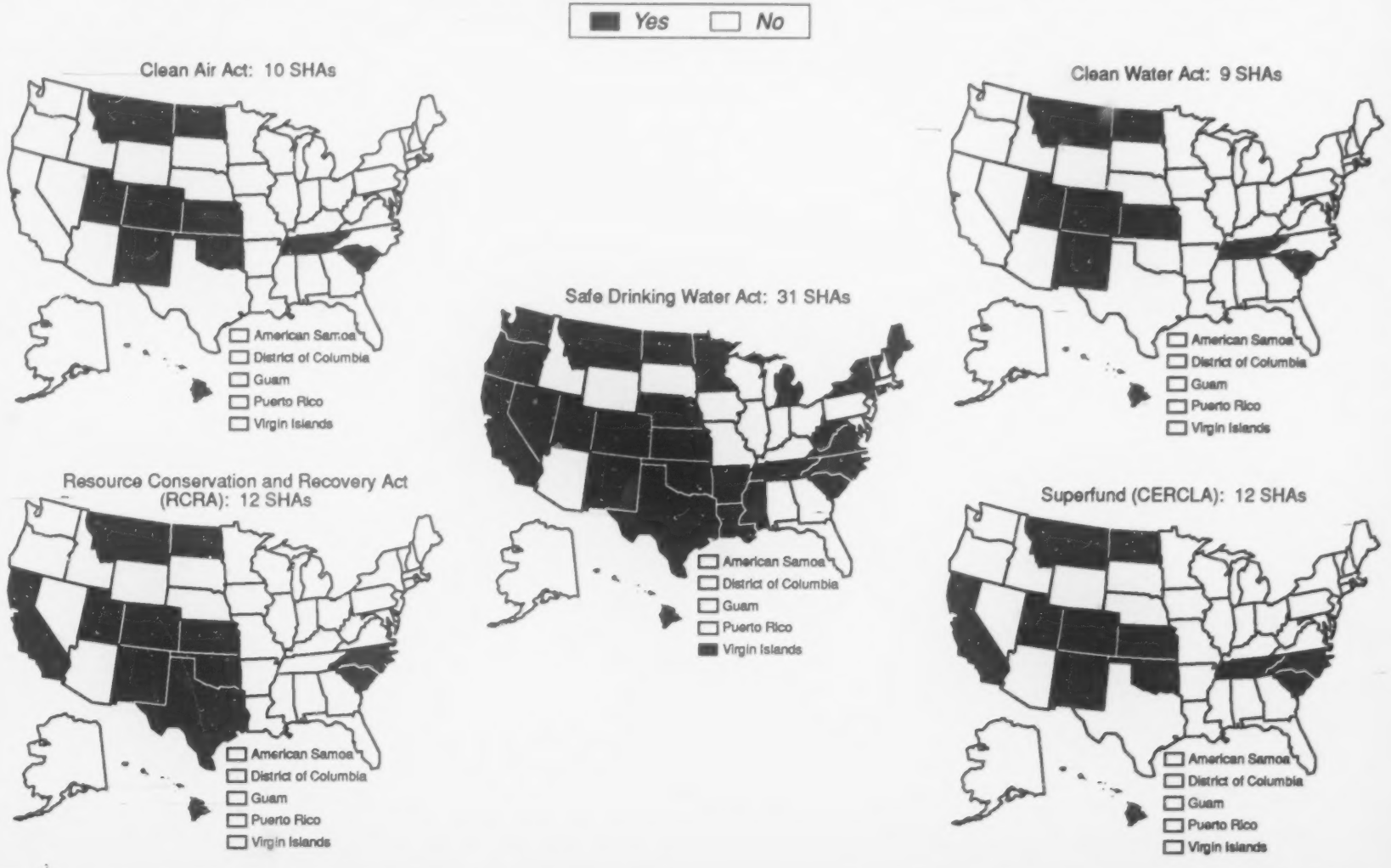

FIGURE 2B.
STATE HEALTH AGENCIES DESIGNATED AS THE LEAD AGENCY RESPONSIBLE FOR SELECTED ENVIRONMENTAL HEALTH STATUTES, FISCAL YEAR 1988

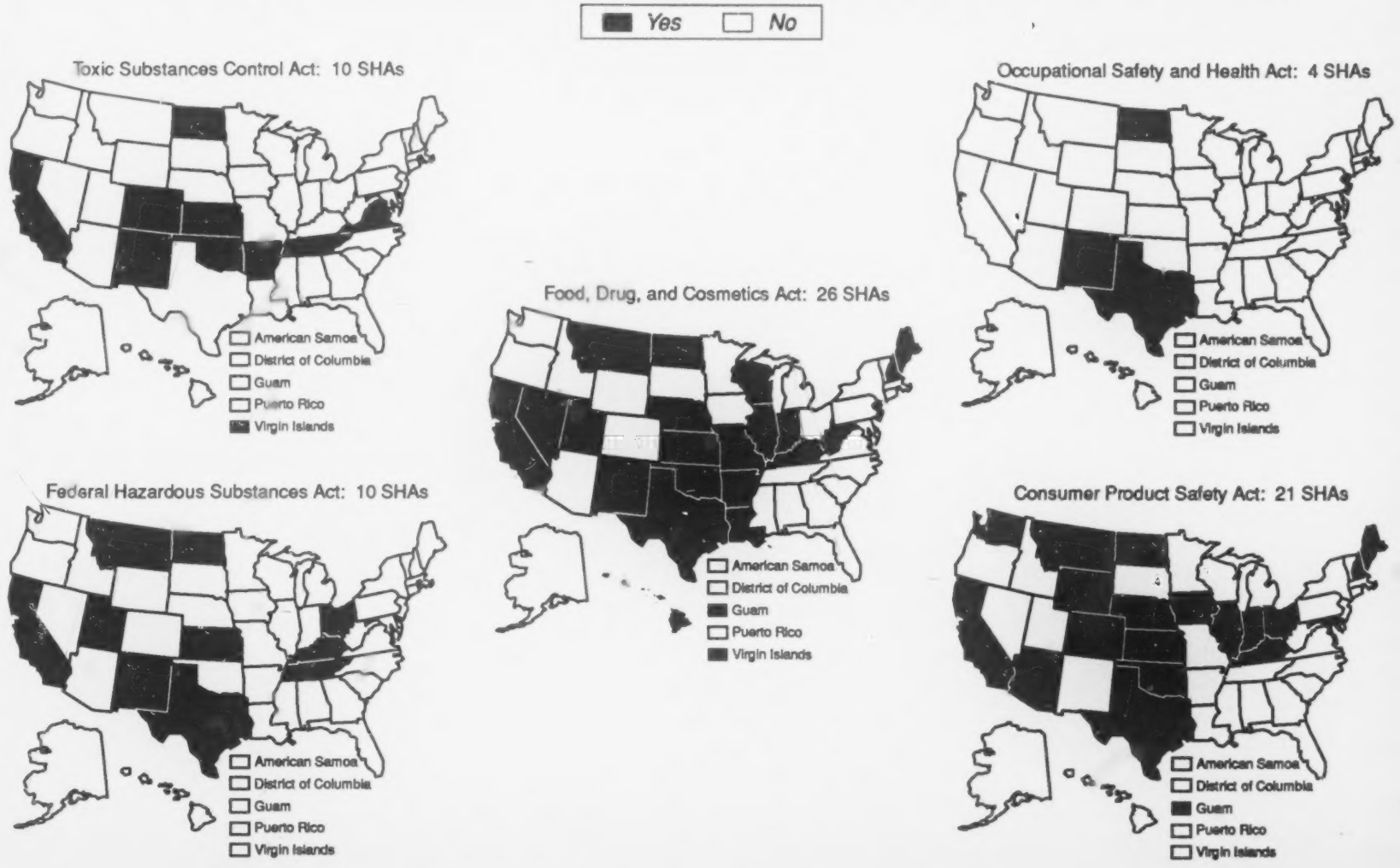

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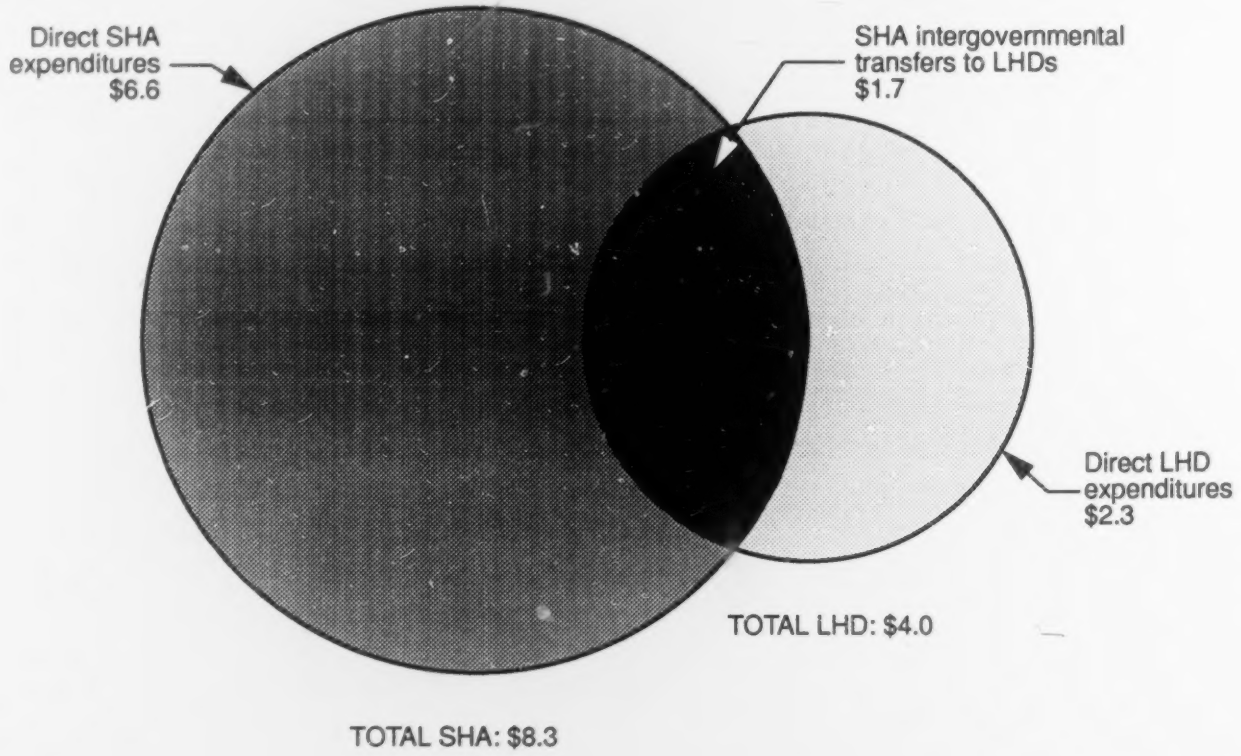
FIGURE 3.
STATE HEALTH AGENCY AND LOCAL HEALTH DEPARTMENT EXPENDITURES, BY TYPE OF EXPENDITURE, FISCAL YEAR 1988

(in billions)


Direct SHA expenditures $6.6
SHA intergovernmental transfers to LHDs $1.7
Direct LHD expenditures $2.3
TOTAL LHD: $4.0
TOTAL SHA: $8.3

TOTAL: $10.6 BILLION

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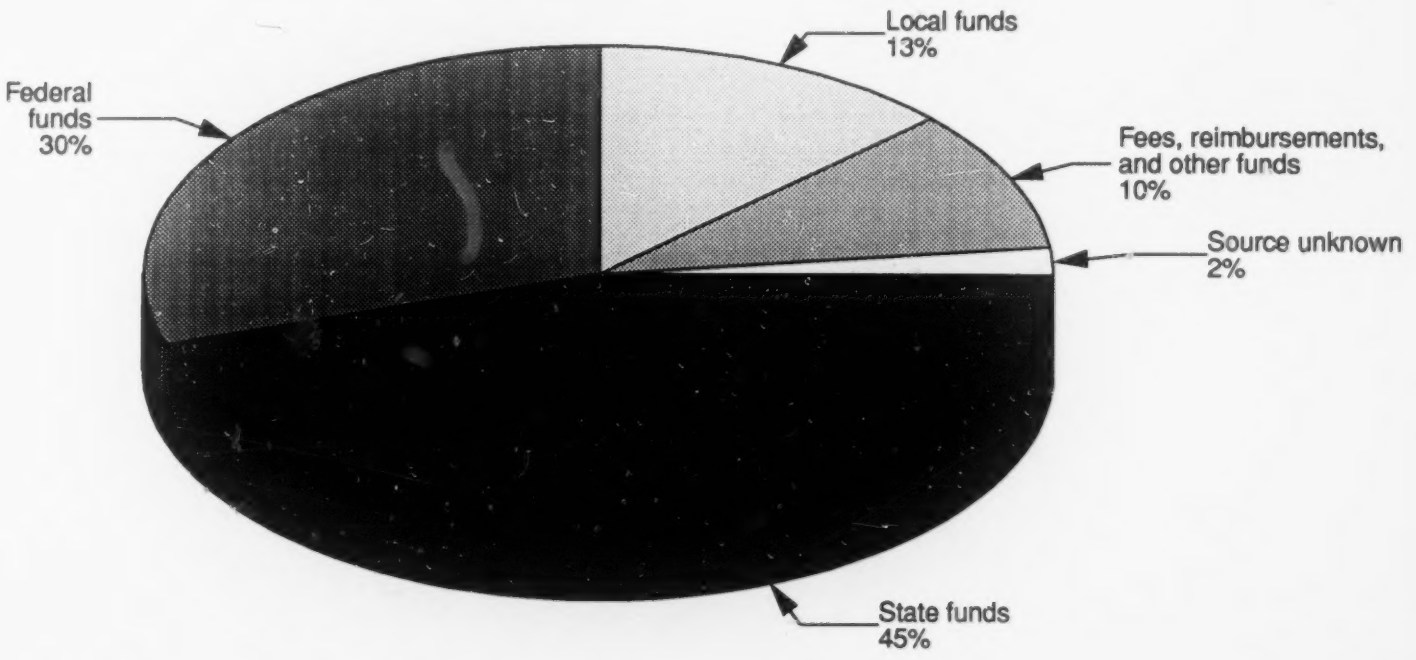
FIGURE 4.
STATE HEALTH AGENCY AND LOCAL HEALTH DEPARTMENT EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEAR 1988



TOTAL: $10.6 BILLION

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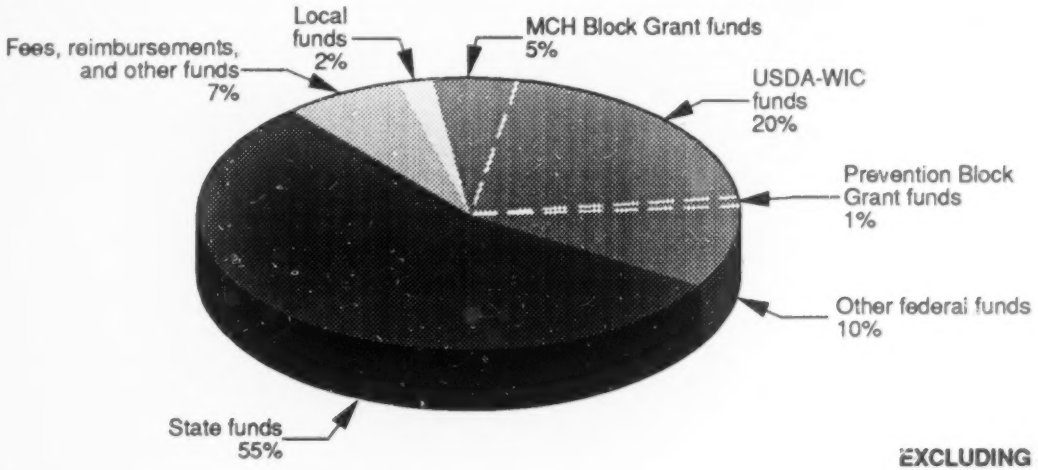
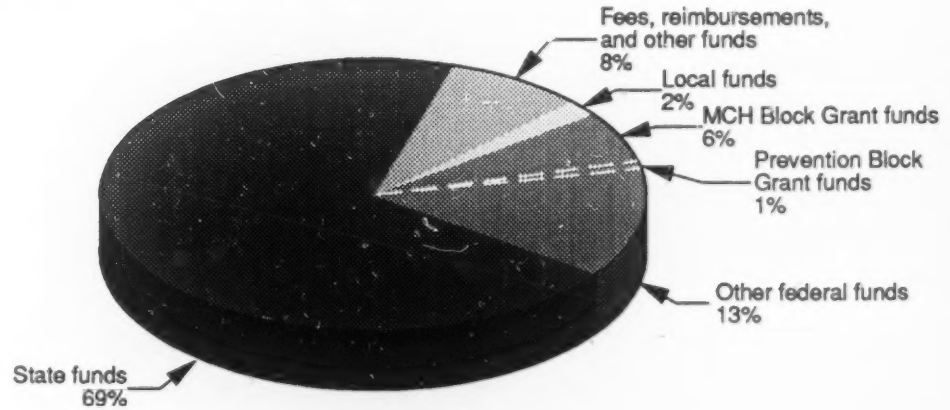
FIGURE 5.
STATE HEALTH AGENCY EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEAR 1988


Fees, reimbursements, and other funds 7%
Local funds 2%
MCH Block Grant funds 5%
USDA-WIC funds 20%
Prevention Block Grant funds 1%
Other federal funds 10%
State funds 55%

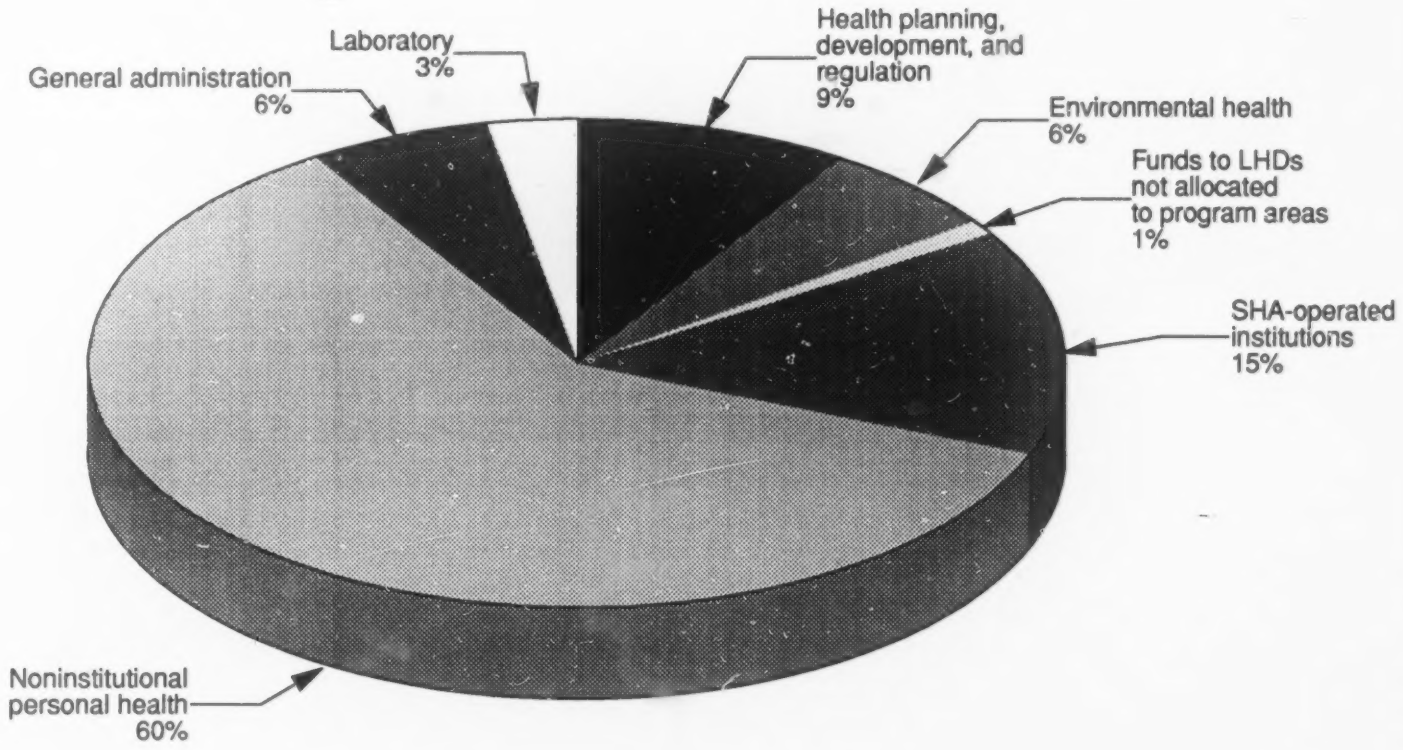
TOTAL: $8.3 BILLION

EXCLUDING USDA-WIC FUNDS


Fees, reimbursements, and other funds 8%
Local funds 2%
MCH Block Grant funds 6%
Prevention Block Grant funds 1%
Other federal funds 13%
State funds 69%

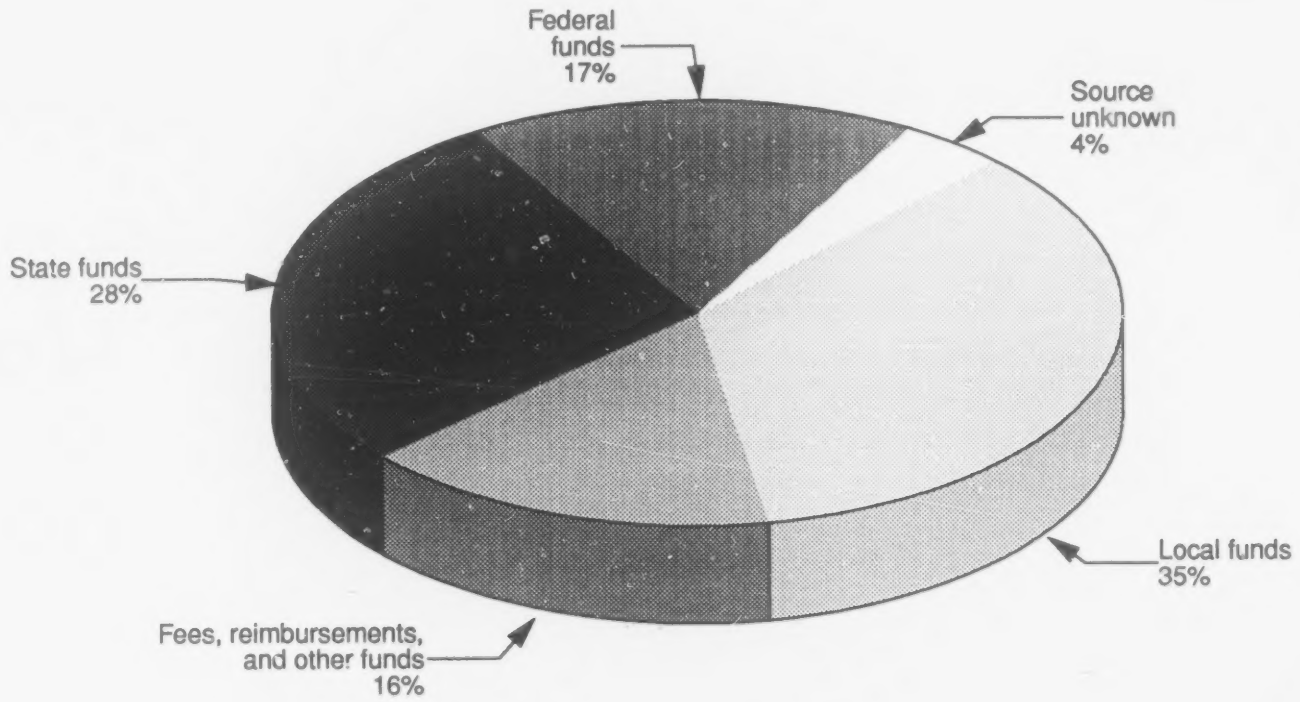
TOTAL: $6.7 BILLION

FIGURE 6.
STATE HEALTH AGENCY EXPENDITURES, BY PROGRAM AREA, FISCAL YEAR 1988


Health planning, development, and regulation 9%
Laboratory 3%
General administration 6%
Environmental health 6%
Funds to LHDs not allocated to program areas 1%
SHA-operated institutions 15%
Noninstitutional personal health 60%

TOTAL: $8.3 BILLION

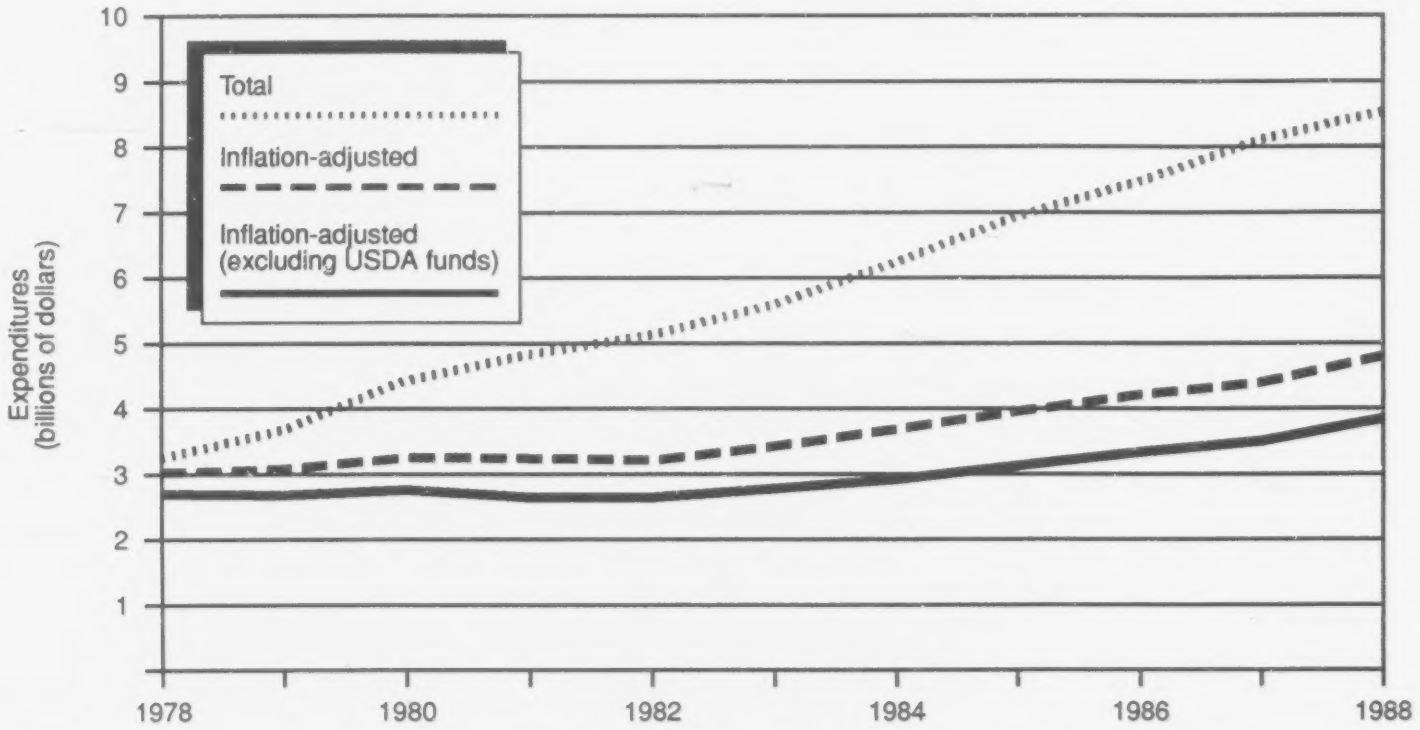
FIGURE 7.
LOCAL HEALTH DEPARTMENT EXPENDITURES, BY SOURCE OF FUNDS, FISCAL YEAR 1988



TOTAL: $4.0 BILLION*

* Includes $1.7 billion provided by state health agencies.

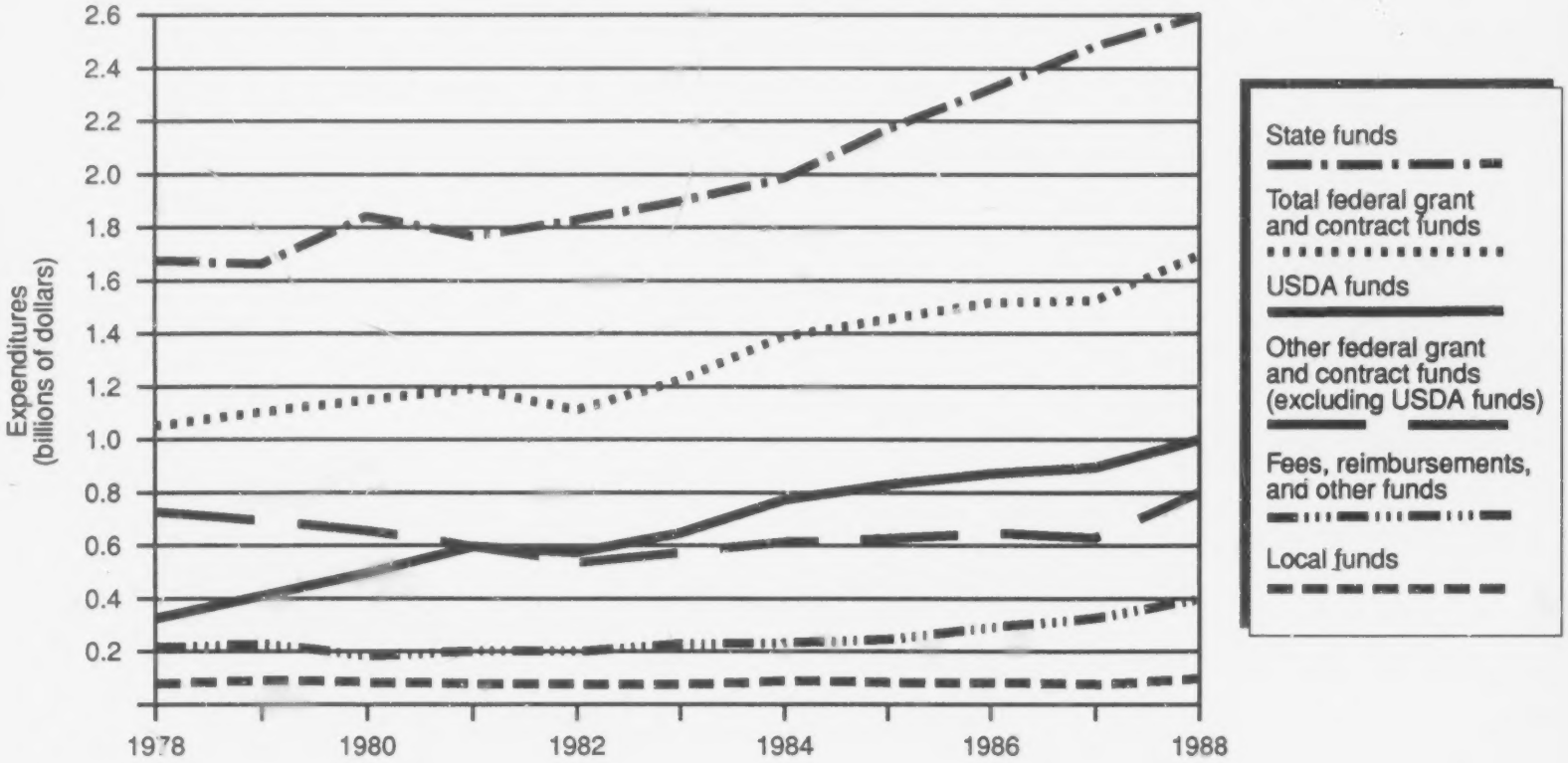
FIGURE 8.
STATE HEALTH AGENCY SPENDING, FISCAL YEARS 1978-1988



Note: Inflation-adjusted expenditures have been deflated to the equivalent of 1978 dollars. The rate of inflation is based on the "Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W)," January 1989.

Other adjustments have been made to the data to account for major changes in state health agency programmatic responsibilities during the period, e.g., the loss of responsibility for operating a mental health hospital.

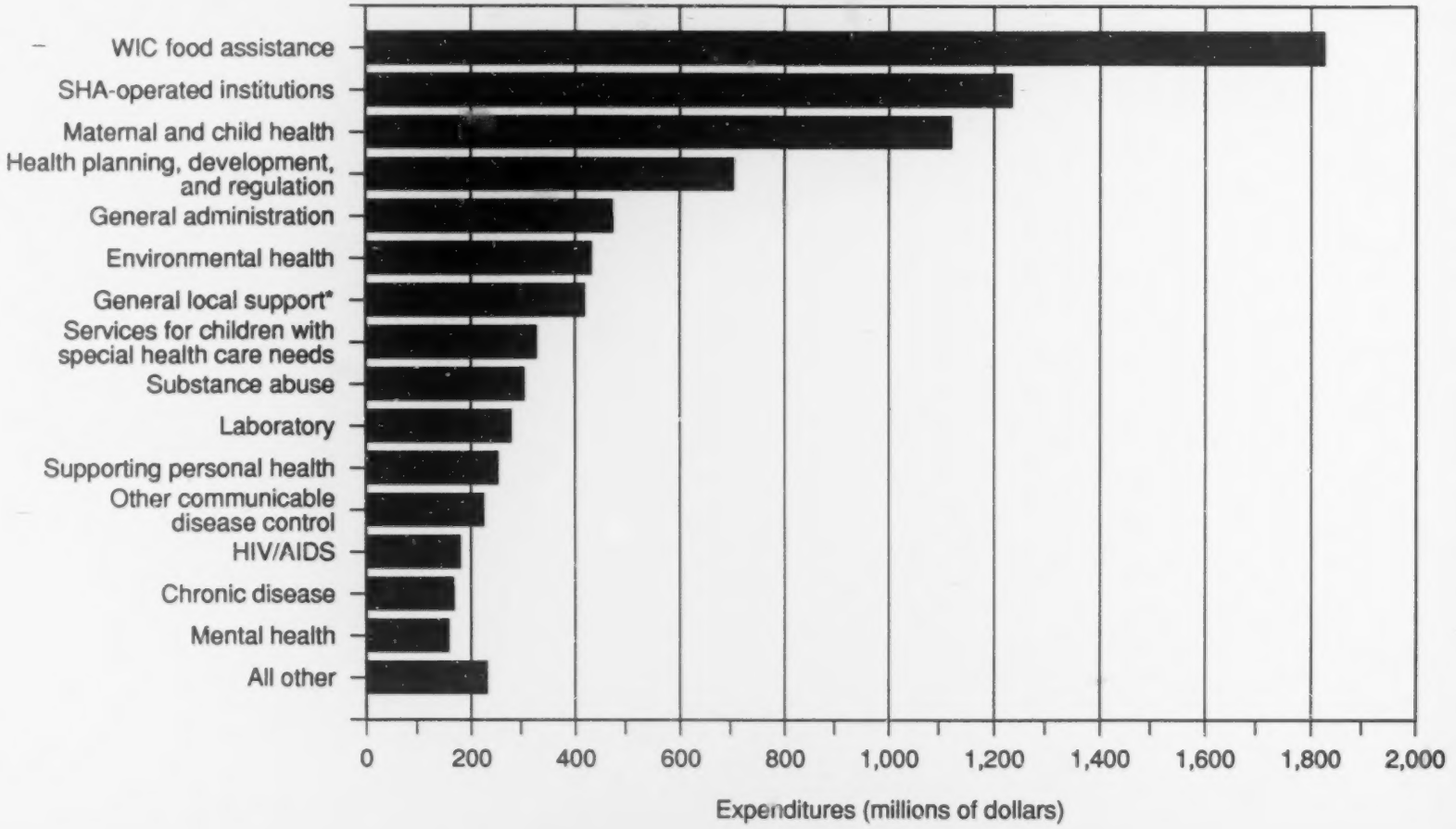
FIGURE 9.
STATE HEALTH AGENCY SPENDING, BY SOURCE OF FUNDS, FISCAL YEARS 1978-1988



Note: Expenditures have been deflated to the equivalent of 1978 dollars. The rate of inflation is based on the "Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W)," January 1989.

Other adjustments have been made to the data to account for major changes in state health agency programmatic responsibilities during the period, e.g., the loss of responsibility for operating a mental health institution.

FIGURE 10.
STATE HEALTH AGENCY EXPENDITURES, BY TYPE OF PROGRAM, FISCAL YEAR 1988



* State health agencies provided $1.7 billion to local health departments in FY 1988, $1.3 billion of which was allocated to the other programs displayed.

FIGURE 11.
SELECTED MATERNAL AND CHILD HEALTH PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY TYPE OF PROGRAM AND BY SOURCE OF FUNDS, FISCAL YEAR 1988

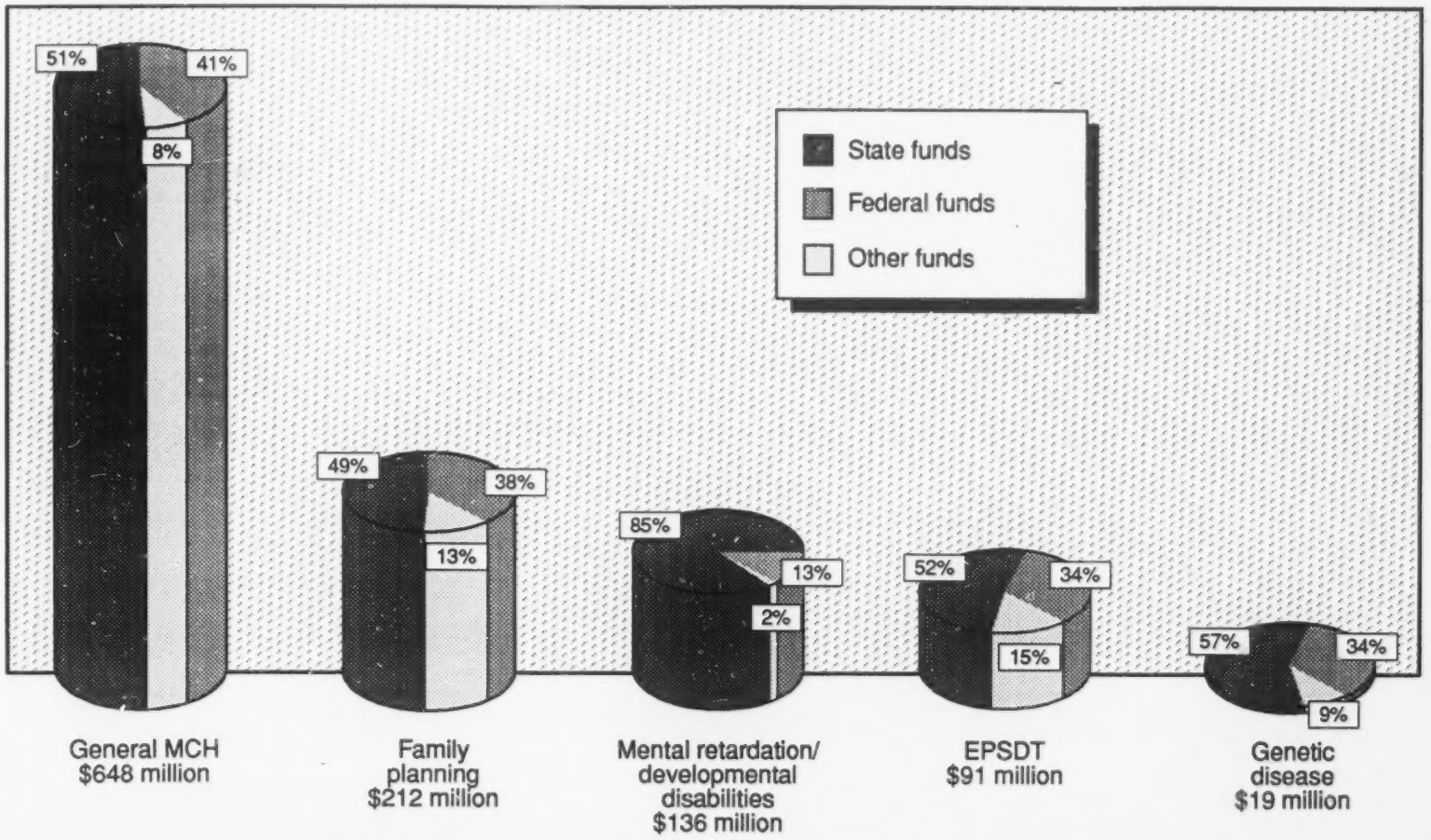
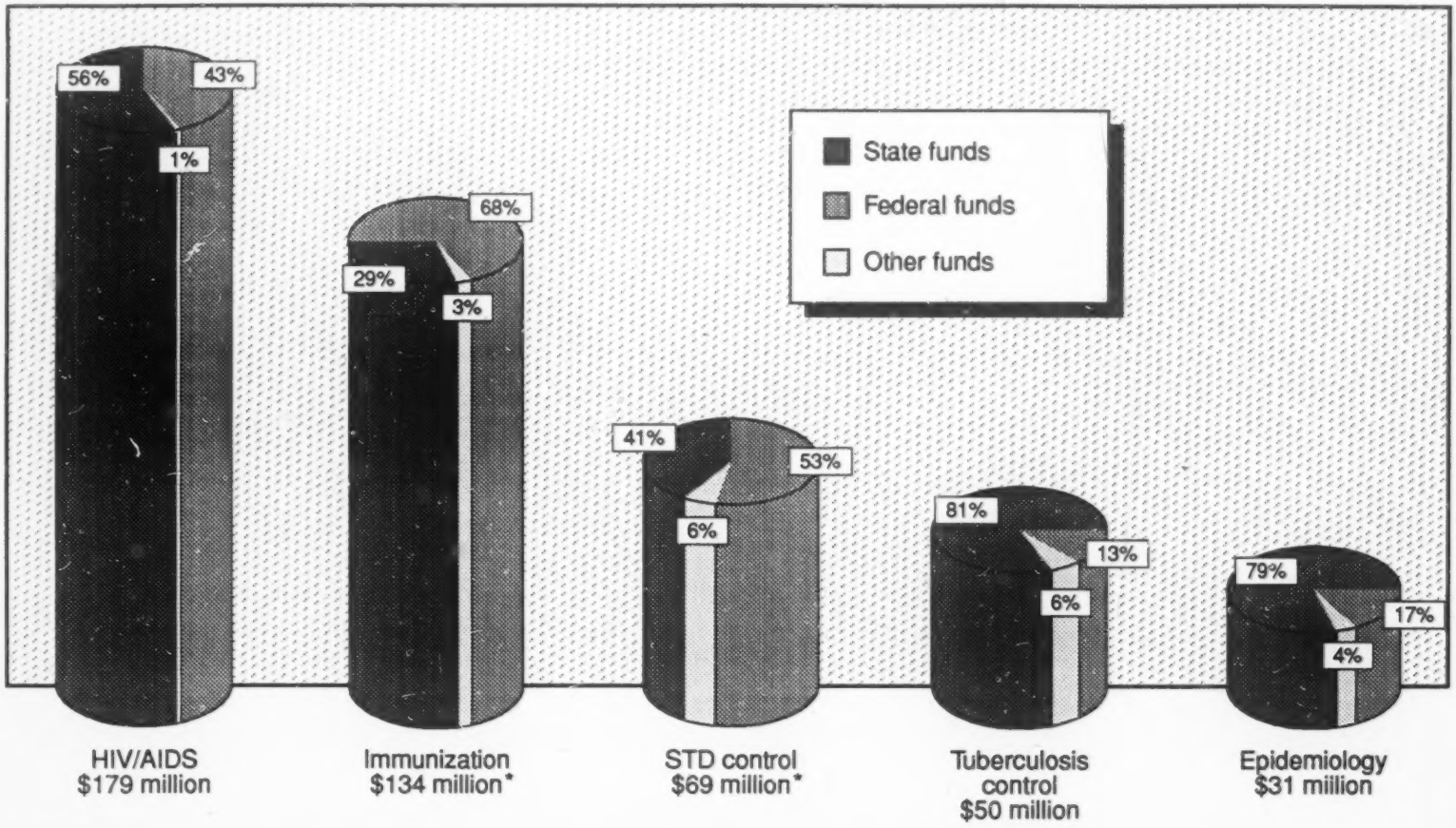


FIGURE 12.
SELECTED COMMUNICABLE DISEASE CONTROL PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY TYPE OF PROGRAM AND BY SOURCE OF FUNDS, FISCAL YEAR 1988



* Immunization and STD control amounts include $63.4 million and $11.3 million, respectively, provided to state health agencies through the federal grants process for direct assistance in lieu of cash (e.g., provision of vaccines or personnel).

FIGURE 13.
SELECTED CHRONIC DISEASE PROGRAM EXPENDITURES OF STATE HEALTH AGENCIES, BY TYPE OF PROGRAM AND BY SOURCE OF FUNDS, FISCAL YEAR 1988

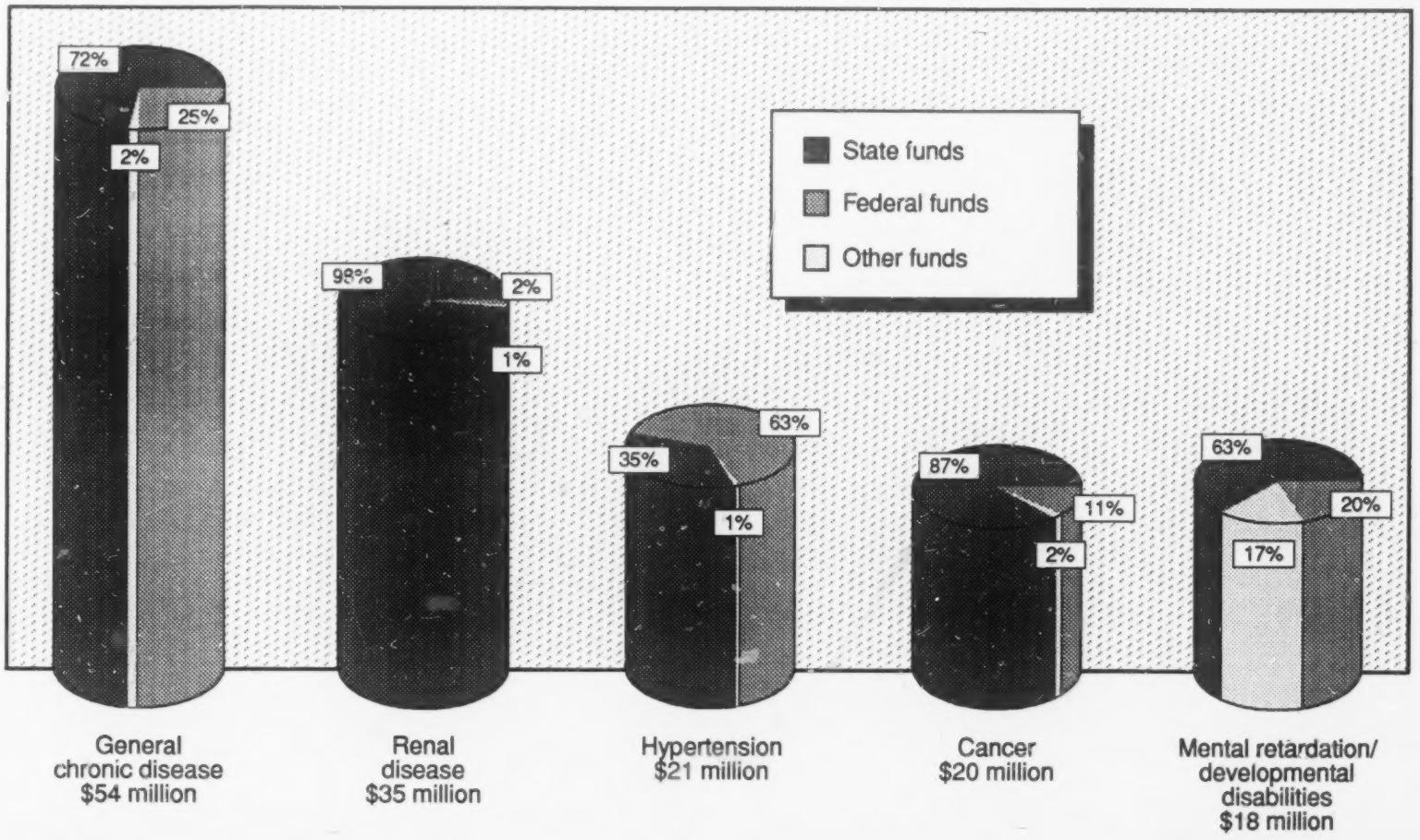


FIGURE 14.
STATE HEALTH AGENCY SPENDING FOR COMMUNICABLE AND CHRONIC DISEASE PROGRAMS, FISCAL YEARS 1984-1988

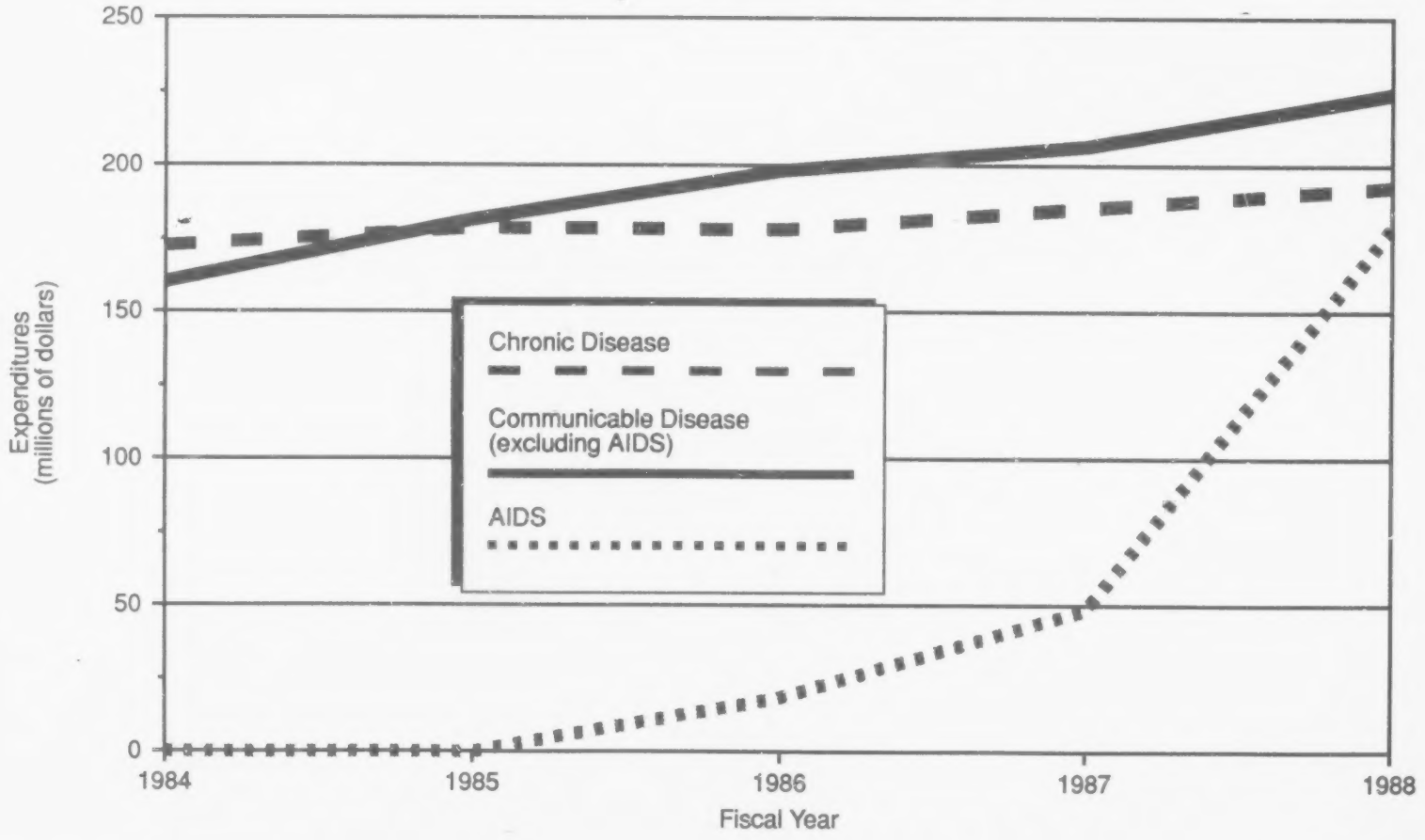
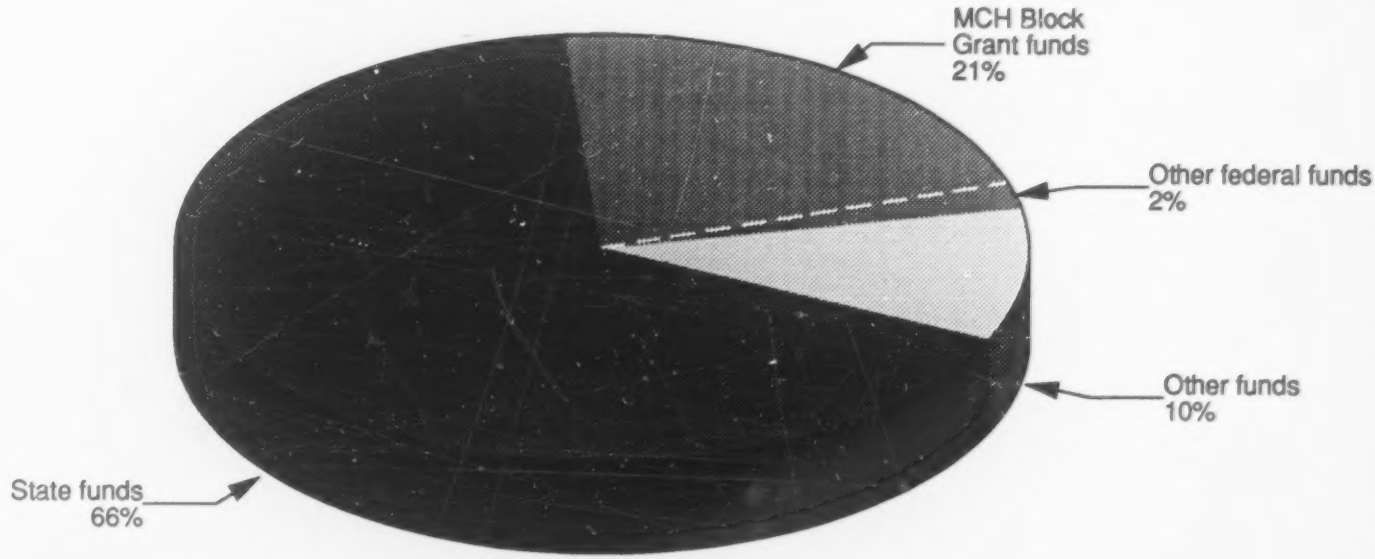


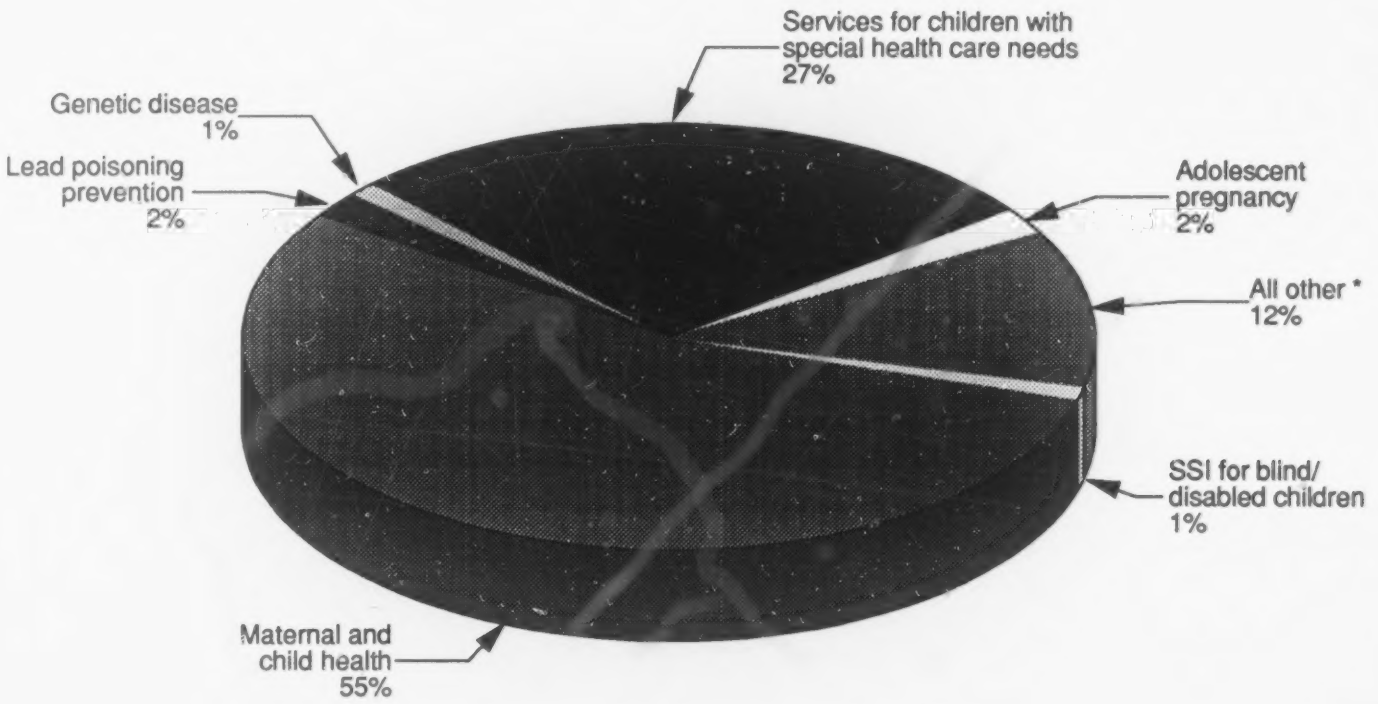
FIGURE 15.
STATE HEALTH AGENCY AND SEPARATE STATE CRIPPLED CHILDREN'S AGENCY SPENDING FOR SERVICES FOR CHILDREN WITH SPECIAL HEALTH CARE NEEDS, BY SOURCE OF FUNDS, FISCAL YEAR 1988



TOTAL: $513 MILLION*

* Includes expenditures of SHA-operated handicapped children's hospitals.

FIGURE 16.
MCH BLOCK GRANT SPENDING, BY TYPE OF SERVICE, FISCAL YEAR 1988

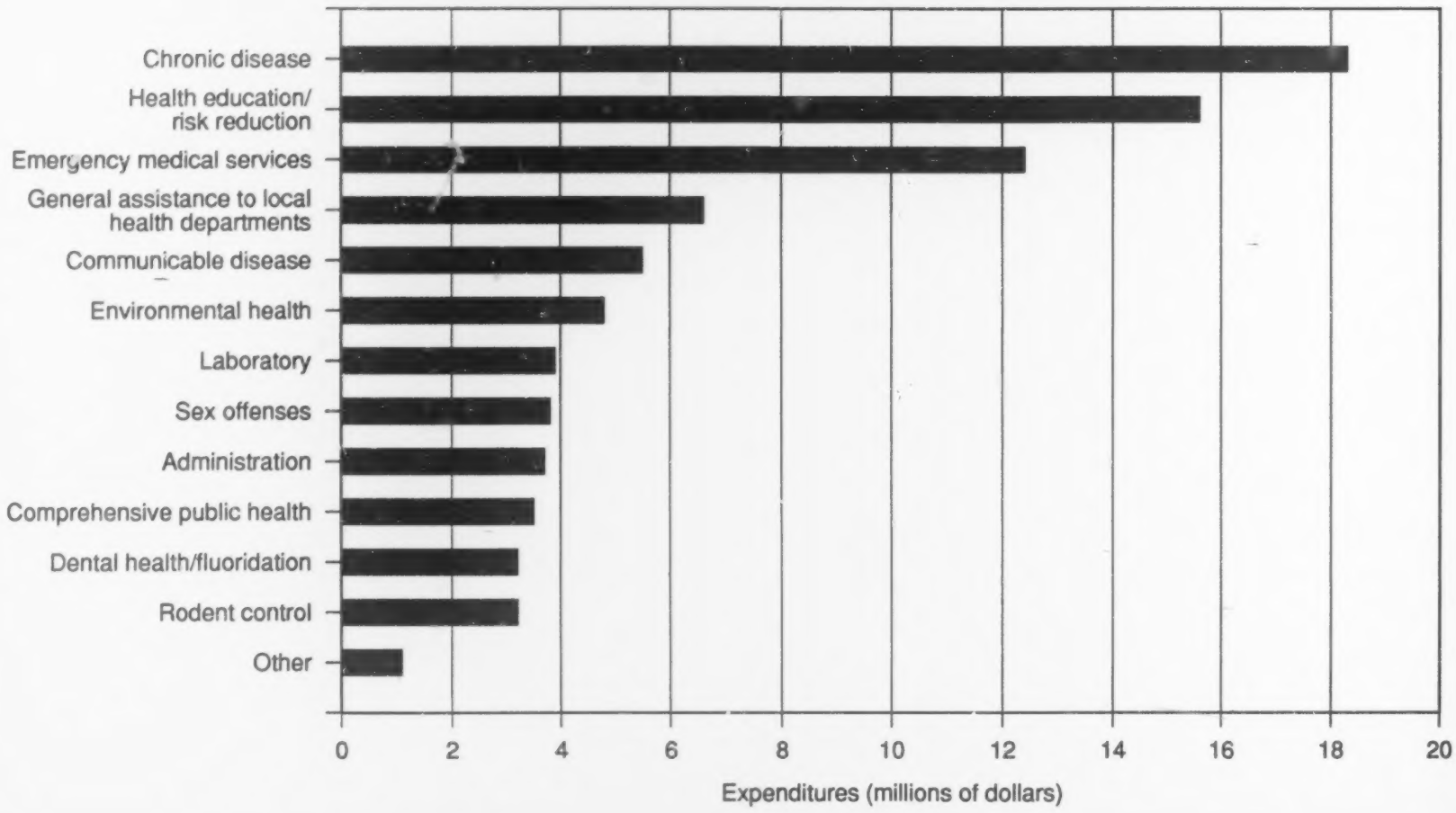

Services for children with special health care needs 27%
Genetic disease 1%
Lead poisoning prevention 2%
Adolescent pregnancy 2%
All other * 12%
SSI for blind/ disabled children 1%
Maternal and child health 55%

TOTAL: $429 MILLION **

* Includes public health nursing, health education, nutrition, planning, and administration.

** Includes funds spent by state health agencies and separate state crippled children's agencies.

FIGURE 17.
PREVENTION BLOCK GRANT SPENDING, BY TYPE OF SERVICE, FISCAL YEAR 1989



Note: This figure reflects fiscal year 1989 data.

RECENT PUBLICATIONS

This publication, *1990 Public Health Chartbook*, complements *Public Health Agencies 1990: An Inventory of Programs and Block Grant Expenditures*, a reference document displaying total expenditures for each program operated by the state and territorial health agencies as well as detailed state-by-state listings of state and local public health expenditures in fiscal year 1988. Another recent Public Health Foundation publication is *1990 Prevention Block Grant Chartbook*, a special publication depicting Prevention Block Grant appropriation levels and state uses and expenditures of fiscal year 1989 Prevention Block Grant funds. Additional information on expenditures and services of the nation's state health agencies and local health departments and other current topics of interest to the public health community can be found in the Foundation's bimonthly newsletter, *Public Health Macroview*. A preview of information that will be available through the ASTHO Reporting System in the near future can be found in *Data for the Year 2000 National Health Objectives: The ASTHO Reporting System's New Core Data Set*. To order any of these publications, contact:

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